

Program EVALPLOT
(Version 2021-1)

by

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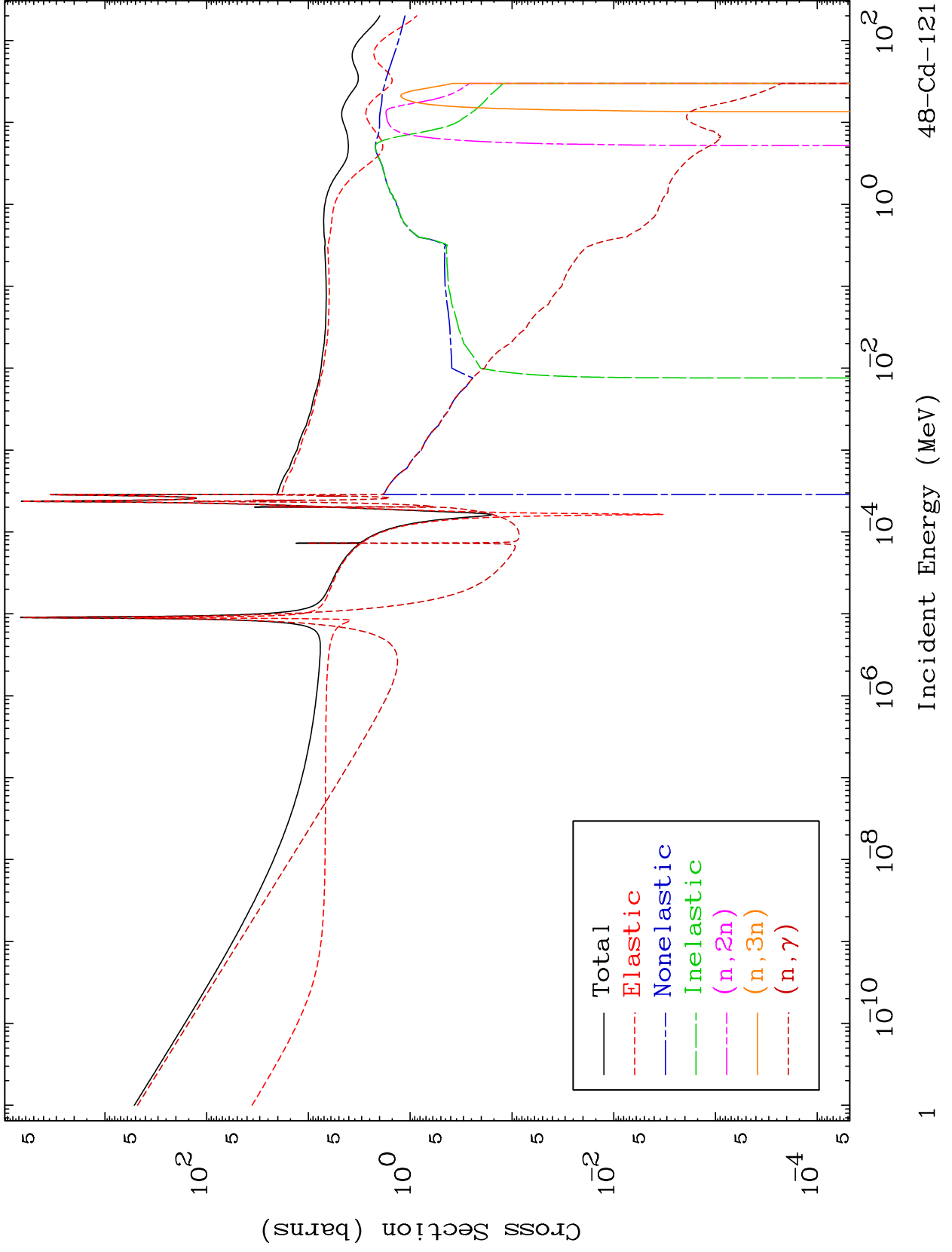
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Press Mouse Button to Start

MAT 4870

Neutron Major
293 Kelvin Cross Sections

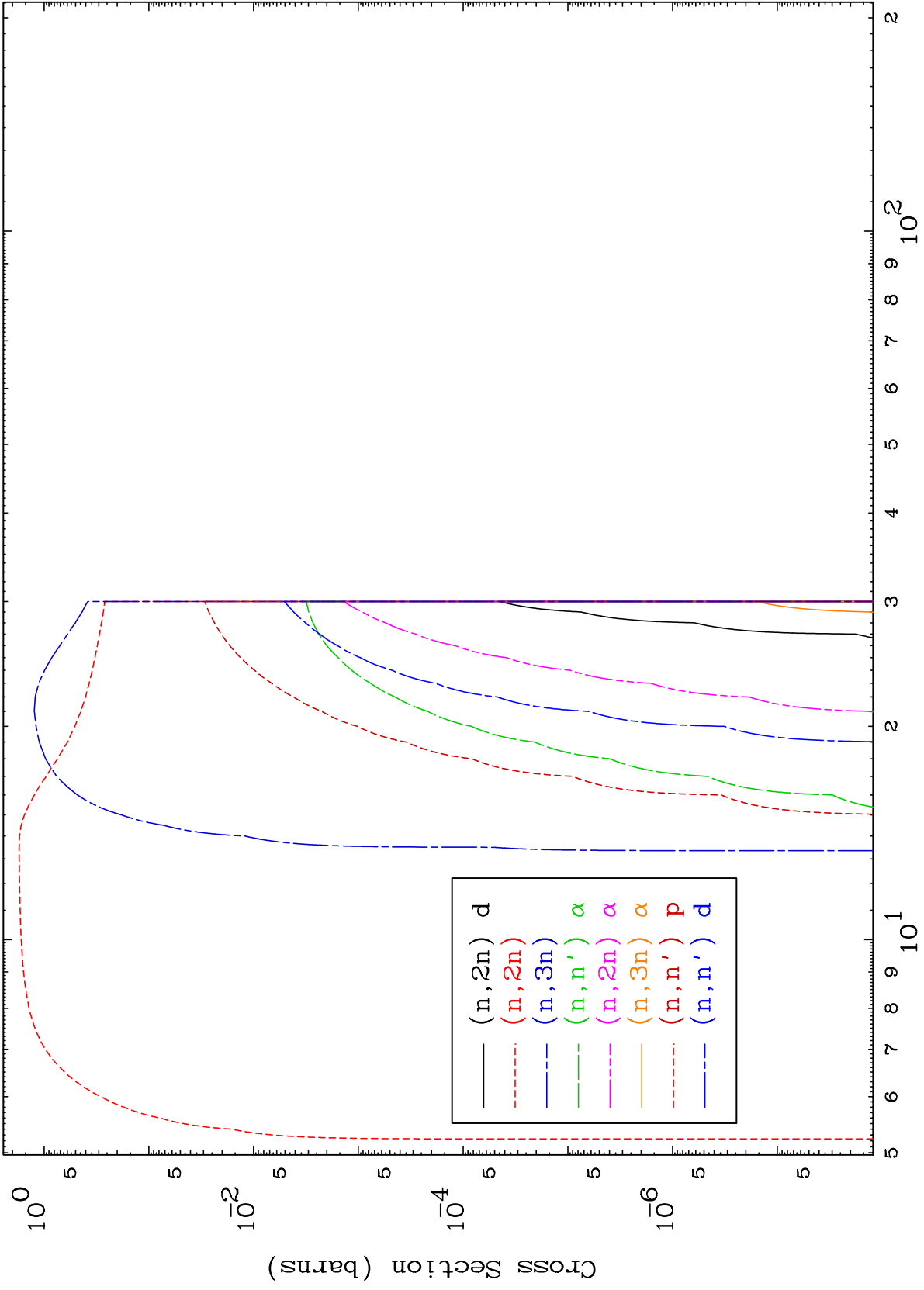
48-Cd-121



MAT 4870

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-121



2

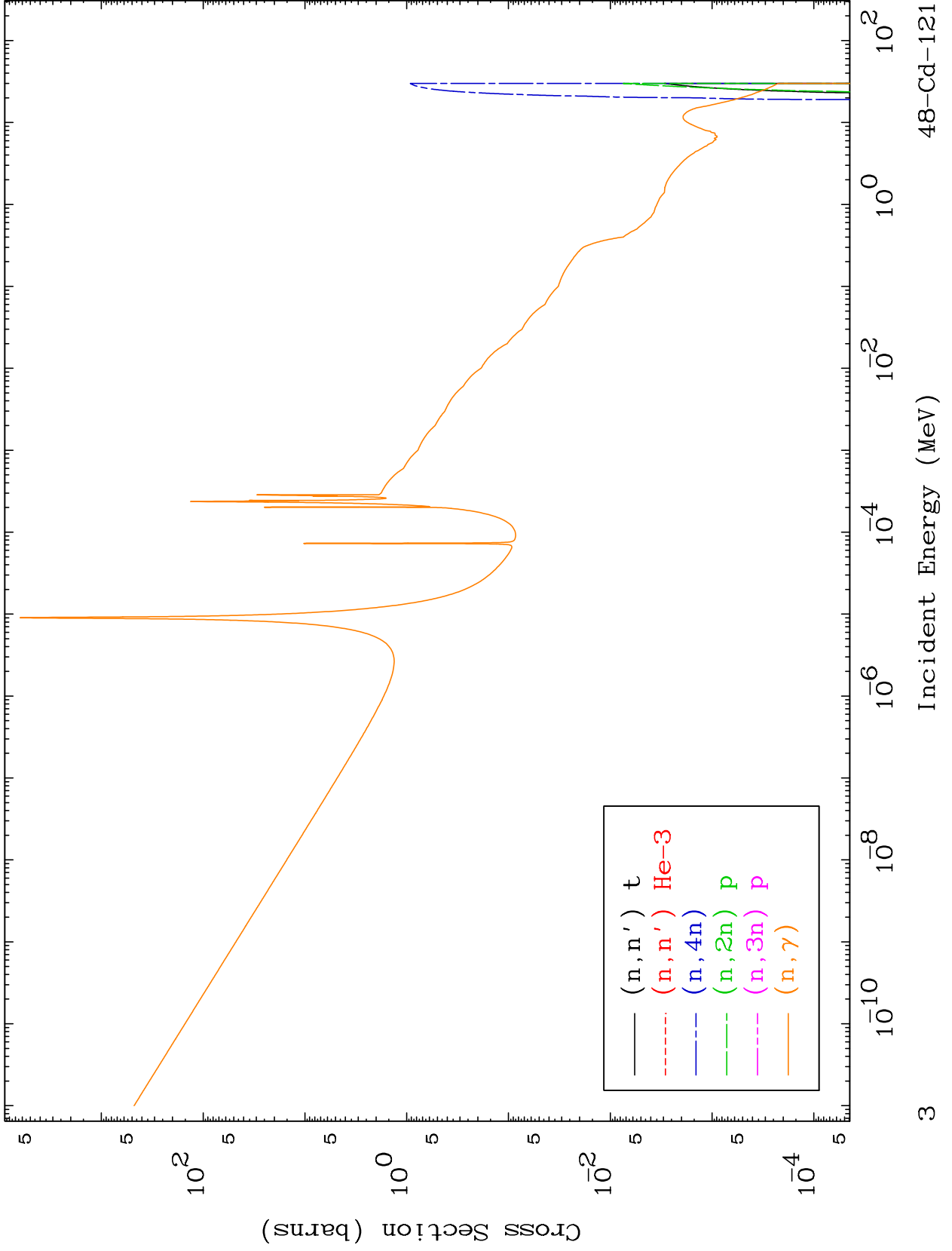
Incident Energy (MeV)

48-Cd-121

MAT 4870

Neutron Absorption
293 Kelvin Cross Sections

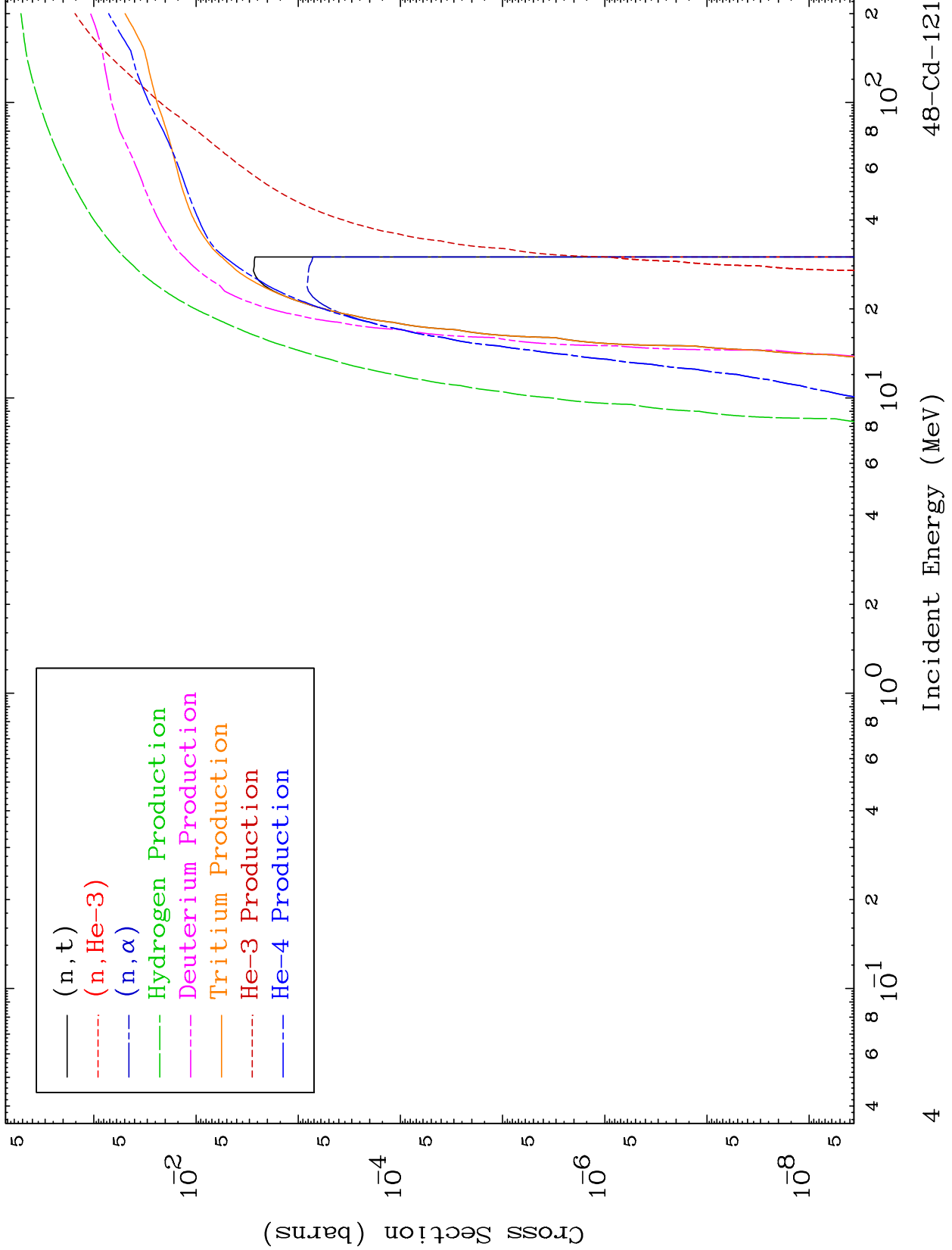
48-Cd-121



MAT 4870

Neutron Absorption
293 Kelvin Cross Sections

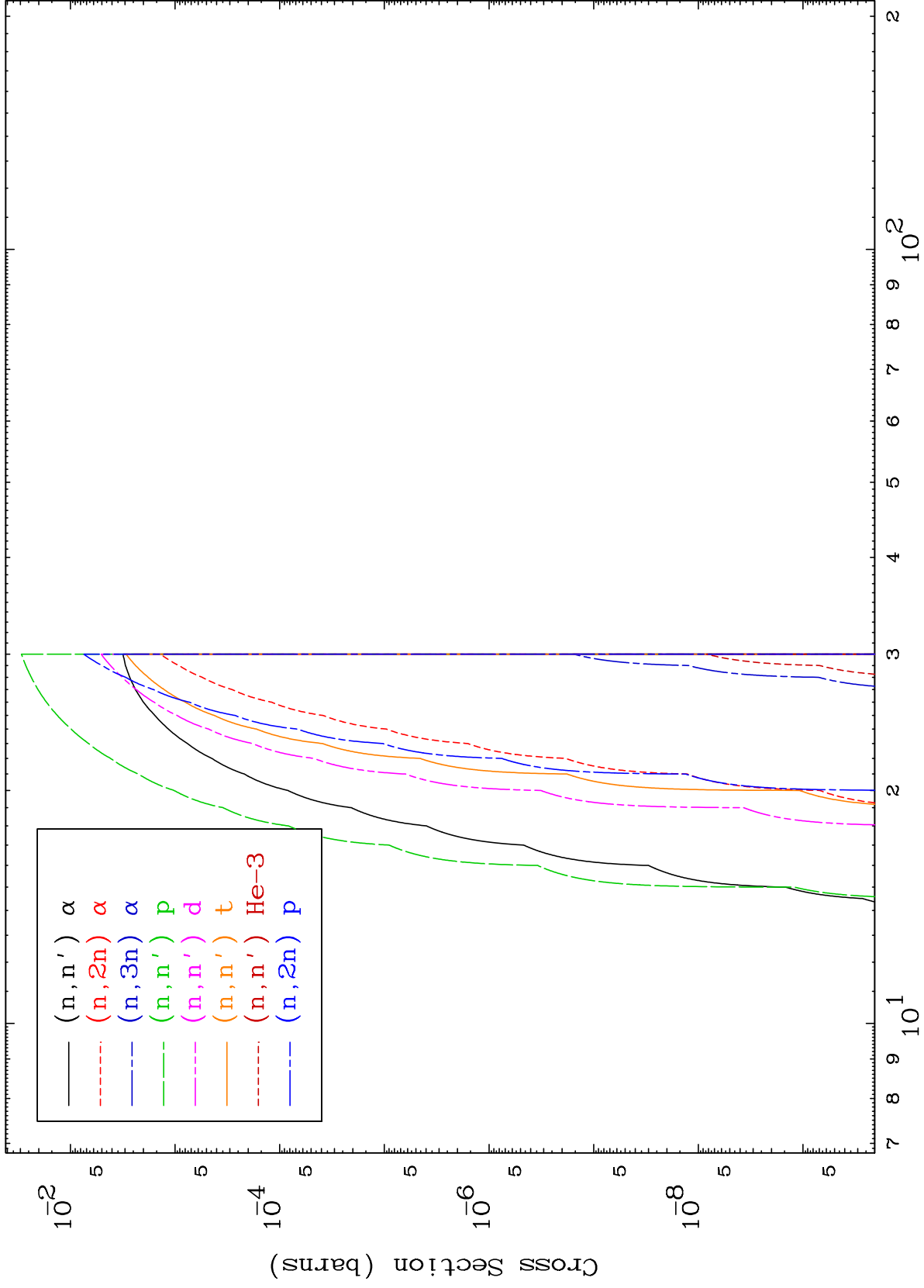
48-Cd-121



MAT 4870

Charged Particle
293 Kelvin Cross Sections

48-Cd-121



5

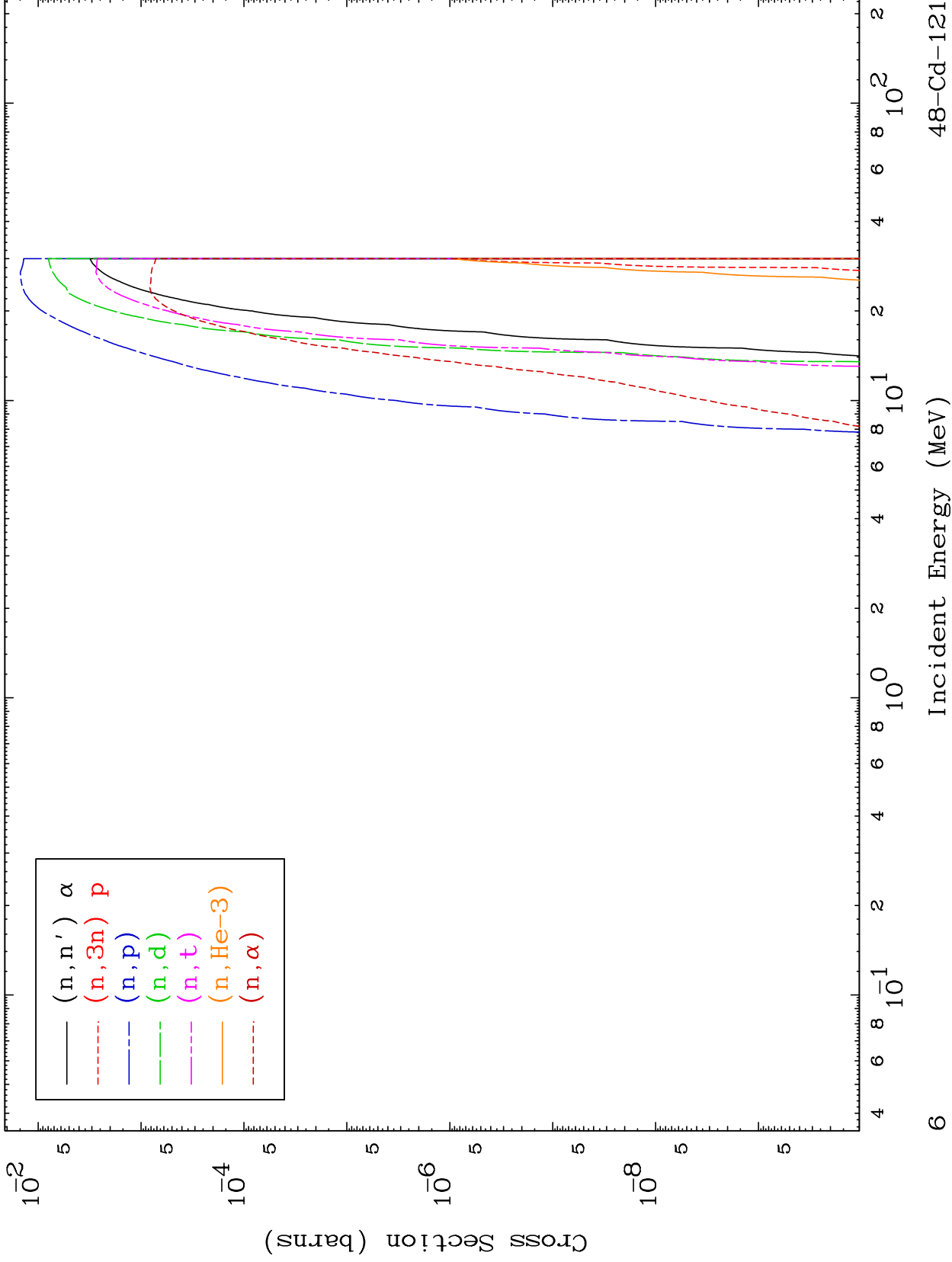
Incident Energy (MeV)

48-Cd-121

MAT 4870

Charged Particle
293 Kelvin Cross Sections

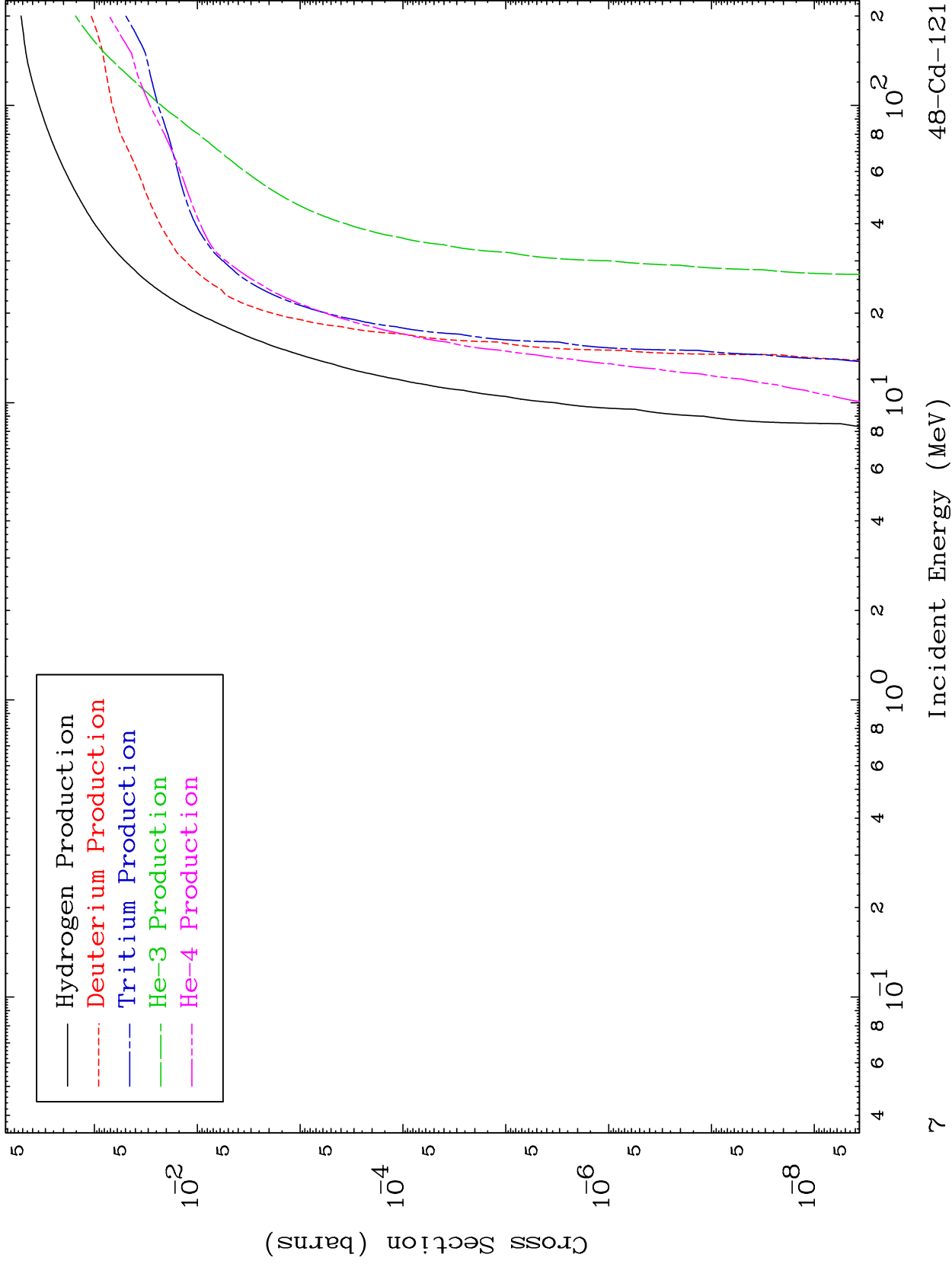
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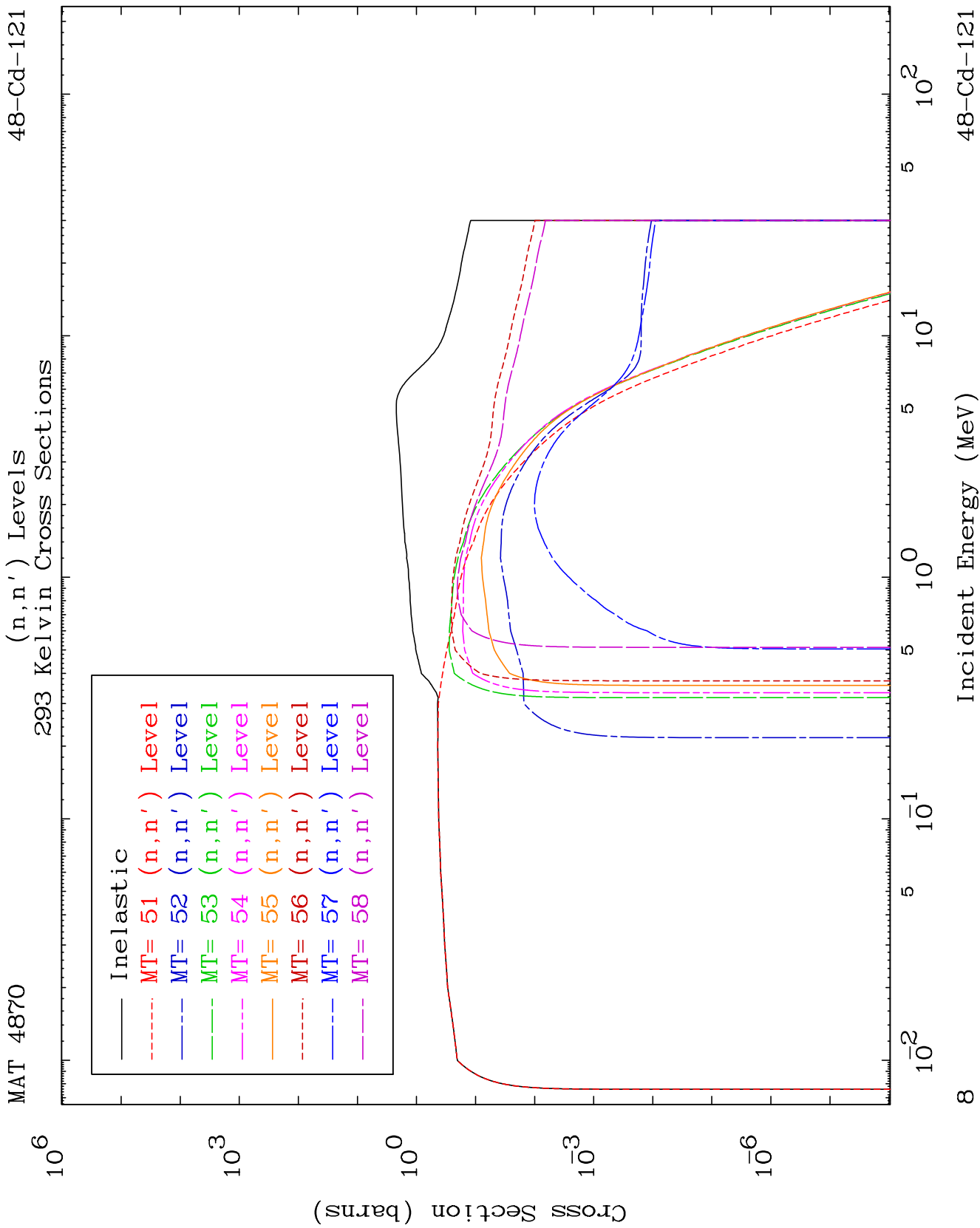


MAT 4870

Particle Production
293 Kelvin Cross Sections

48-Cd-121

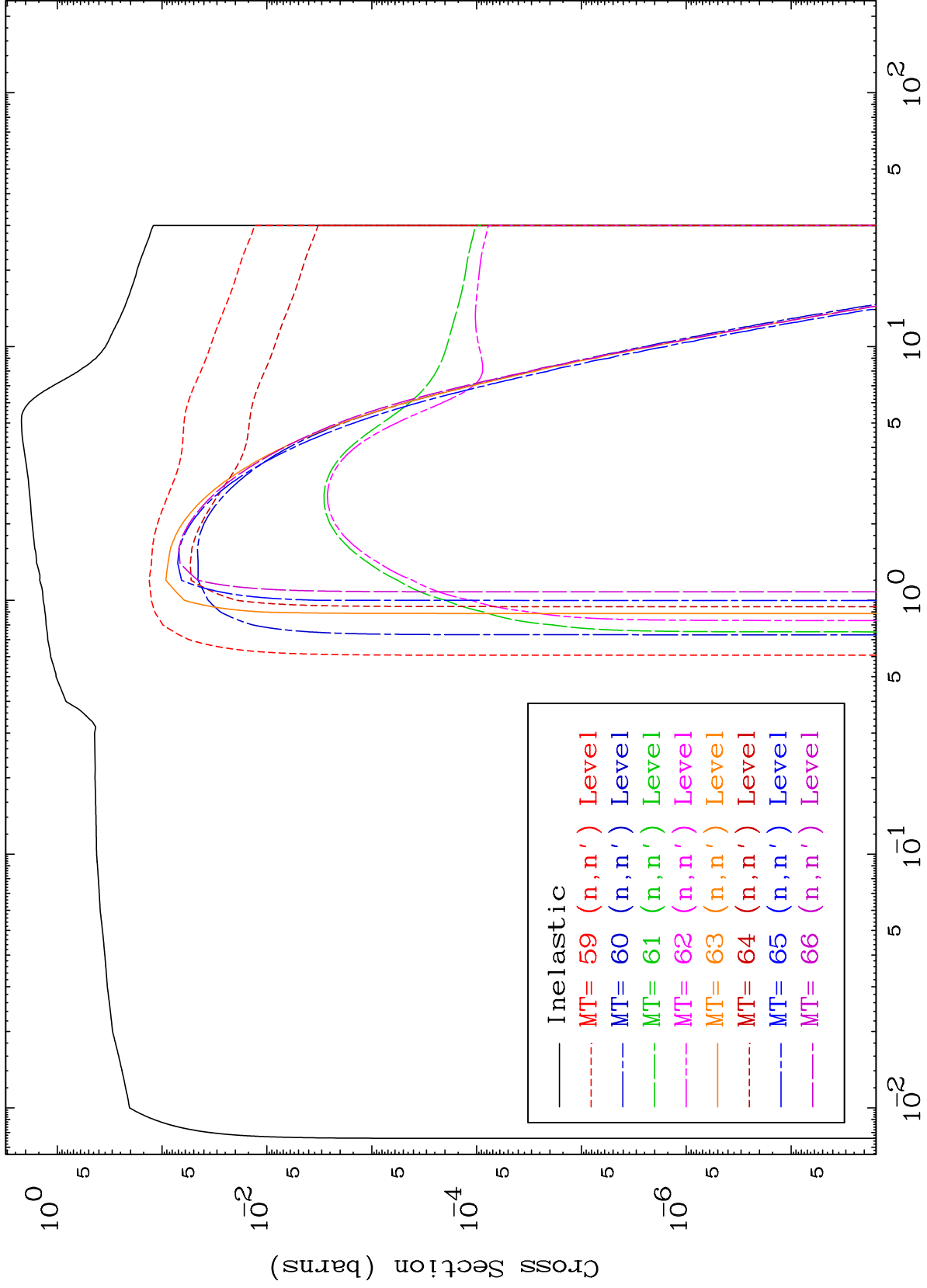




MAT 4870

(n,n') Levels
293 Kelvin Cross Sections

48-Cd-121



9

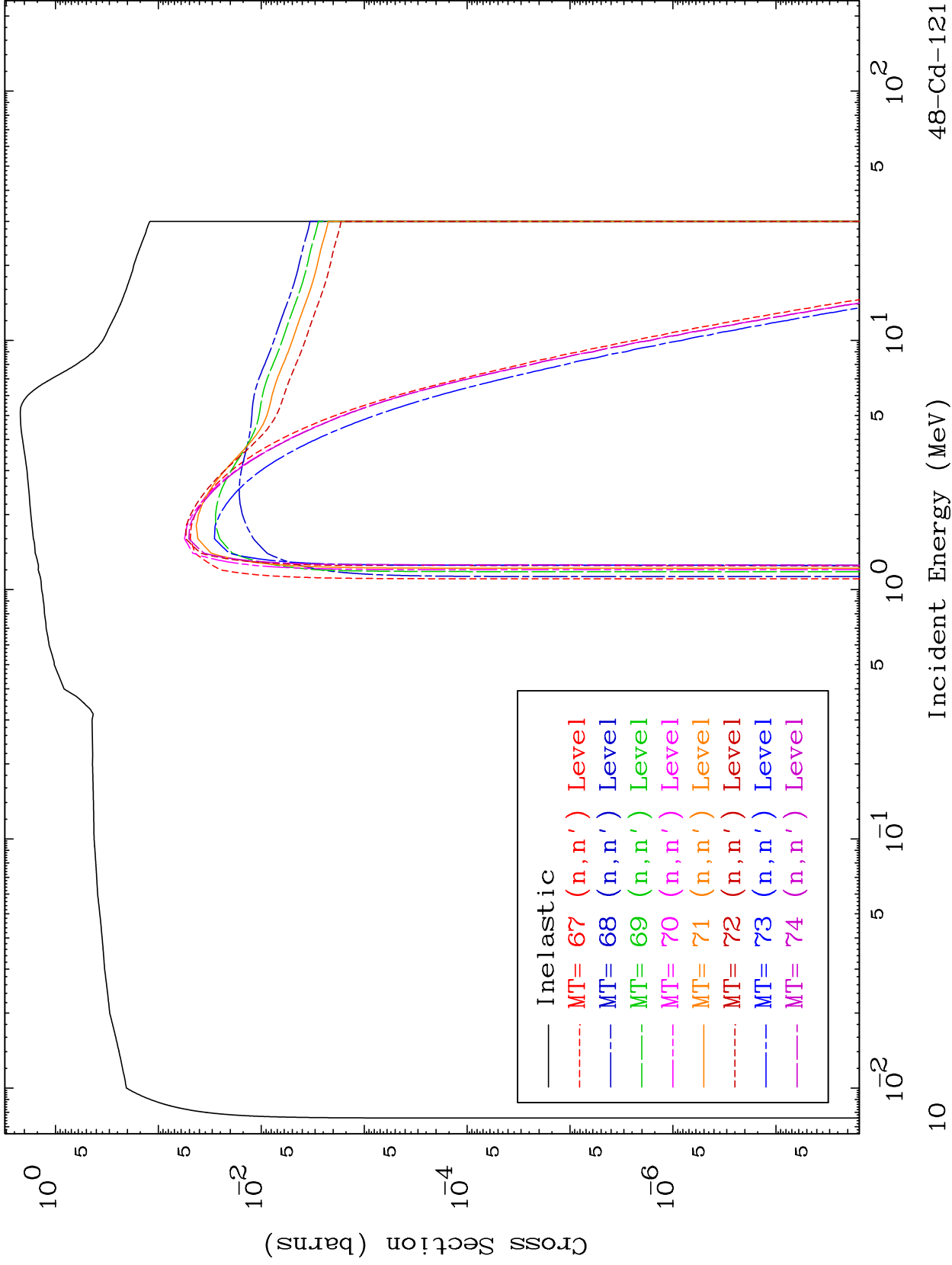
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n,n') Levels
293 Kelvin Cross Sections

48-Cd-121



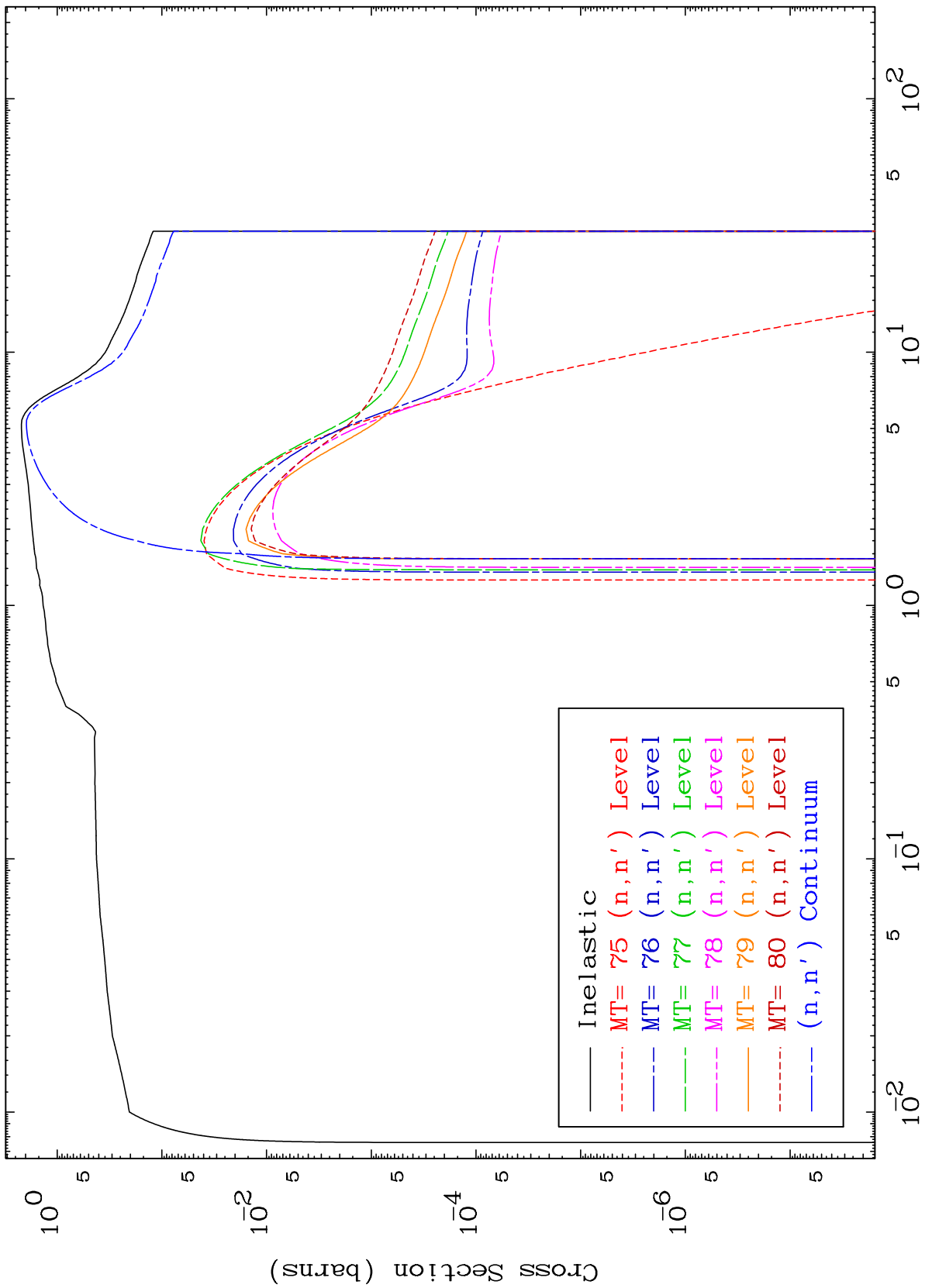
48-Cd-121

Incident Energy (MeV)

MAT 4870

48-Cd-121

(n,n') Levels
293 Kelvin Cross Sections



11

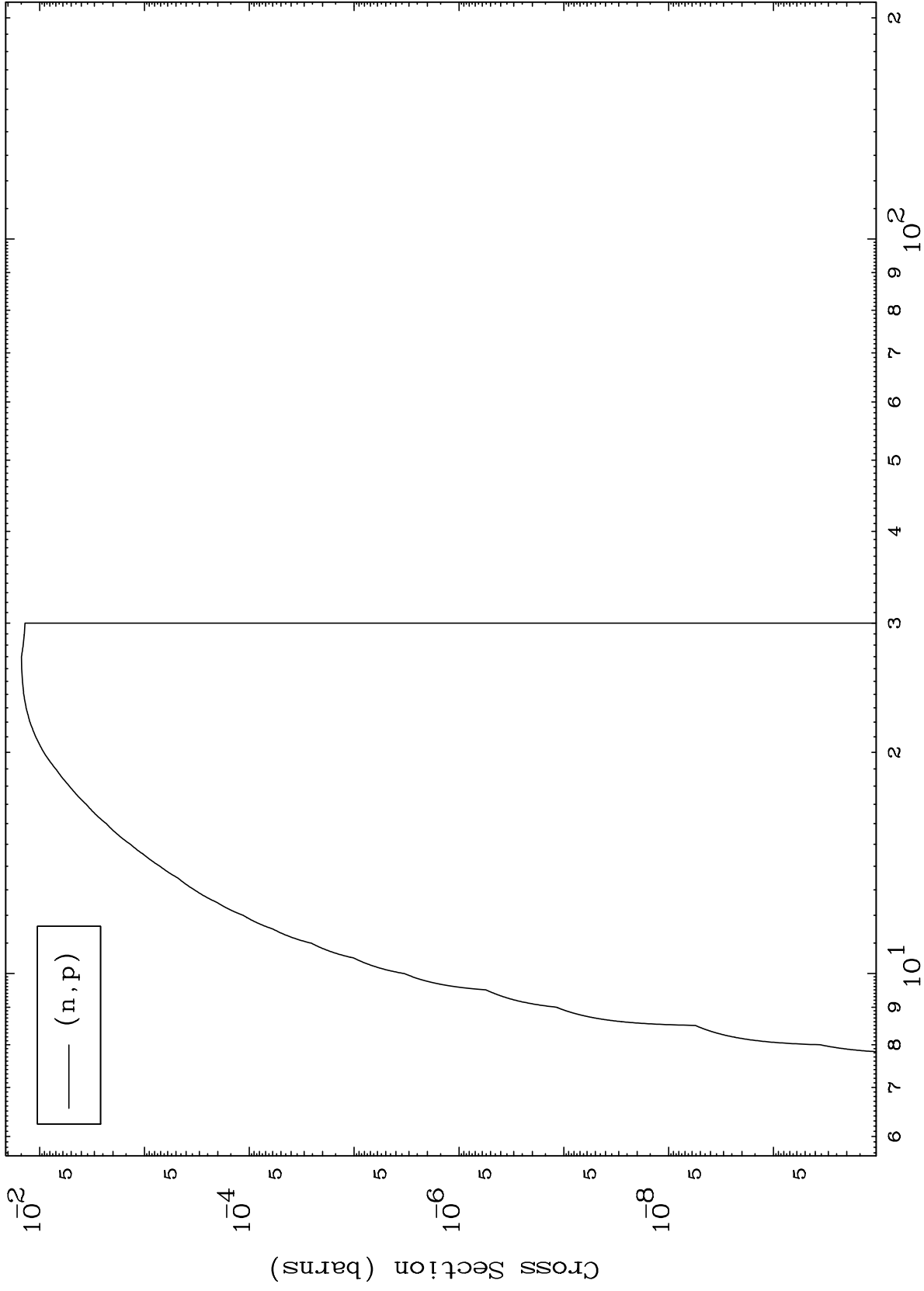
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n,p) Levels
293 Kelvin Cross Sections

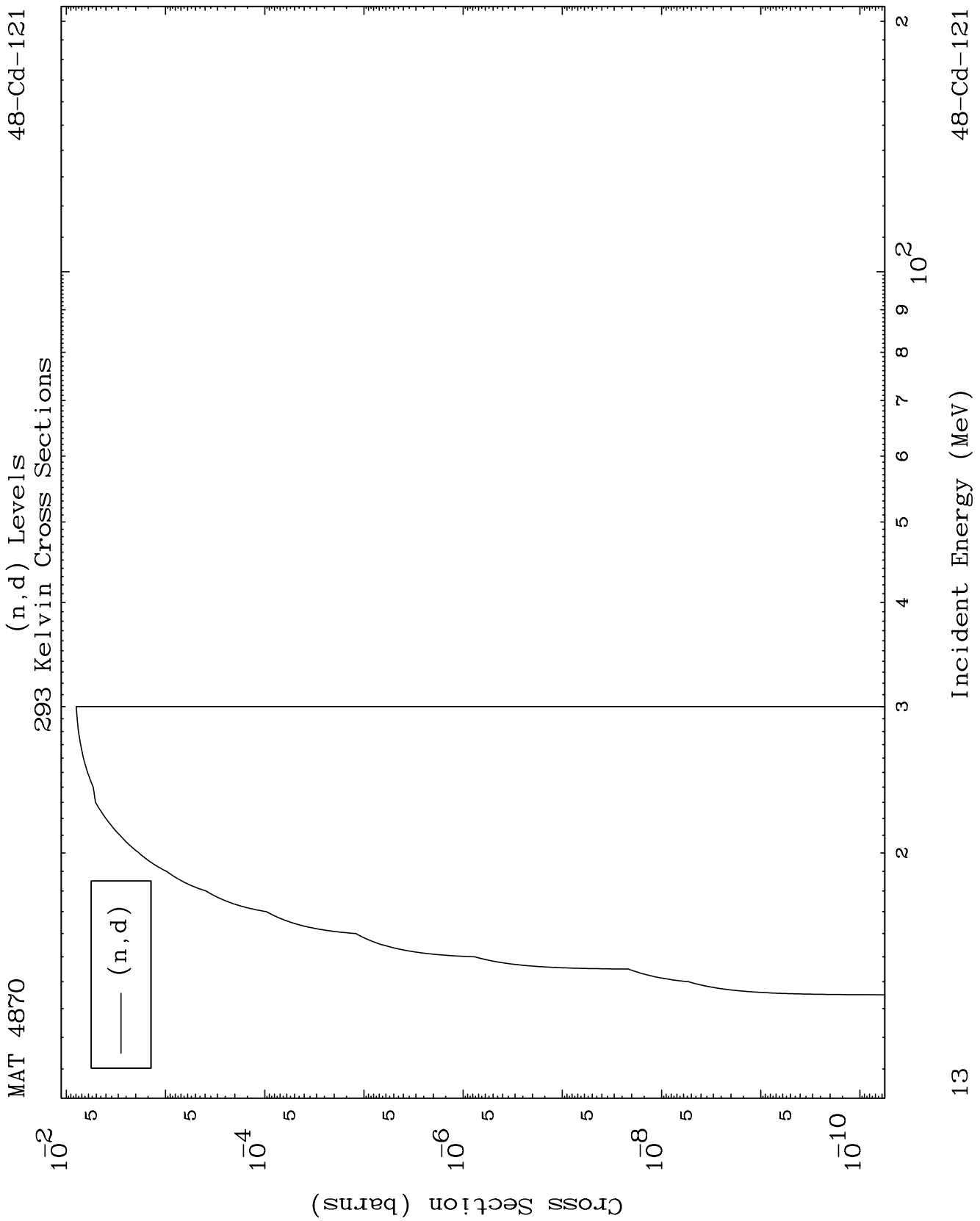
48-Cd-121



12

Incident Energy (MeV)

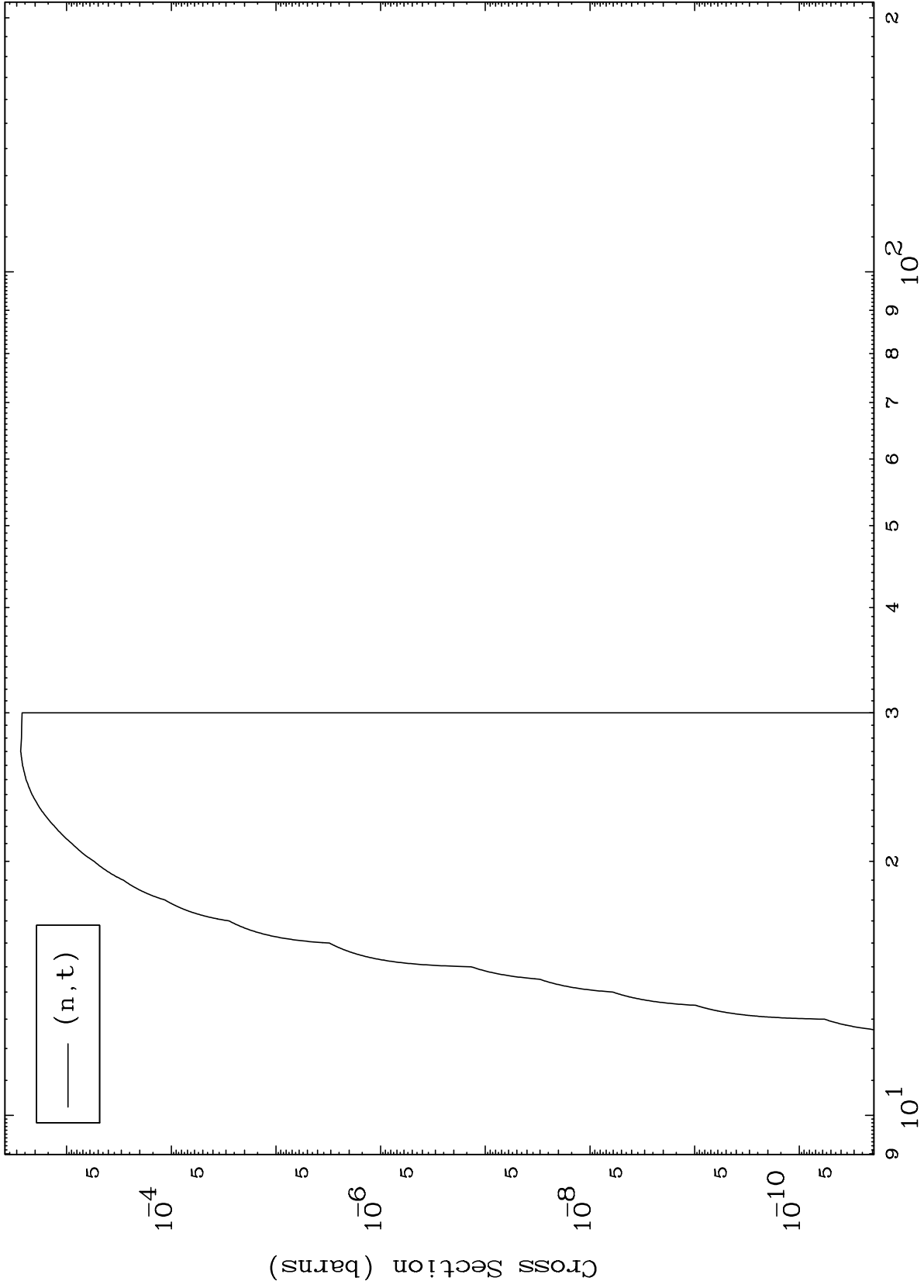
48-Cd-121



MAT 4870

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-121



14

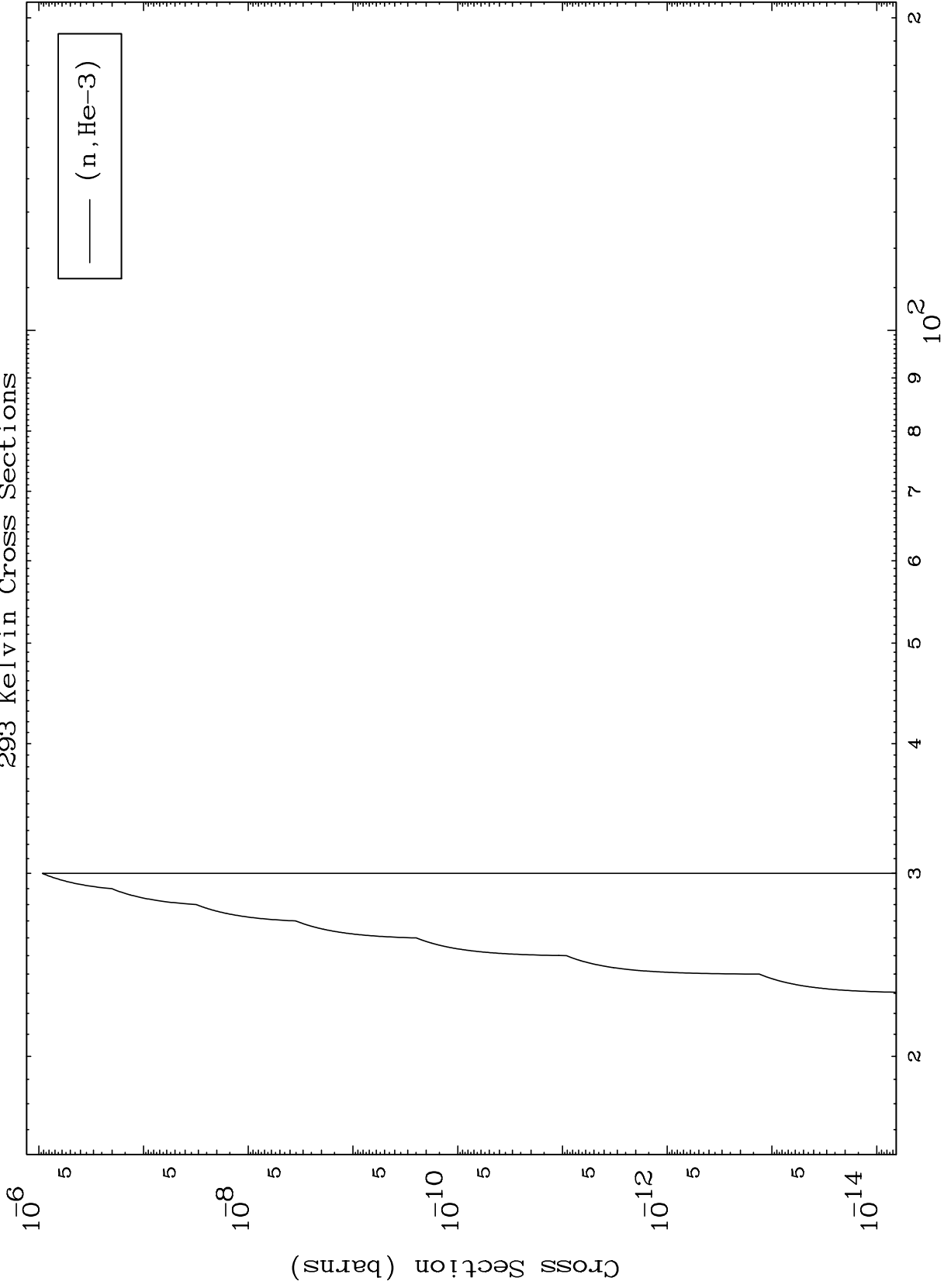
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-121



15

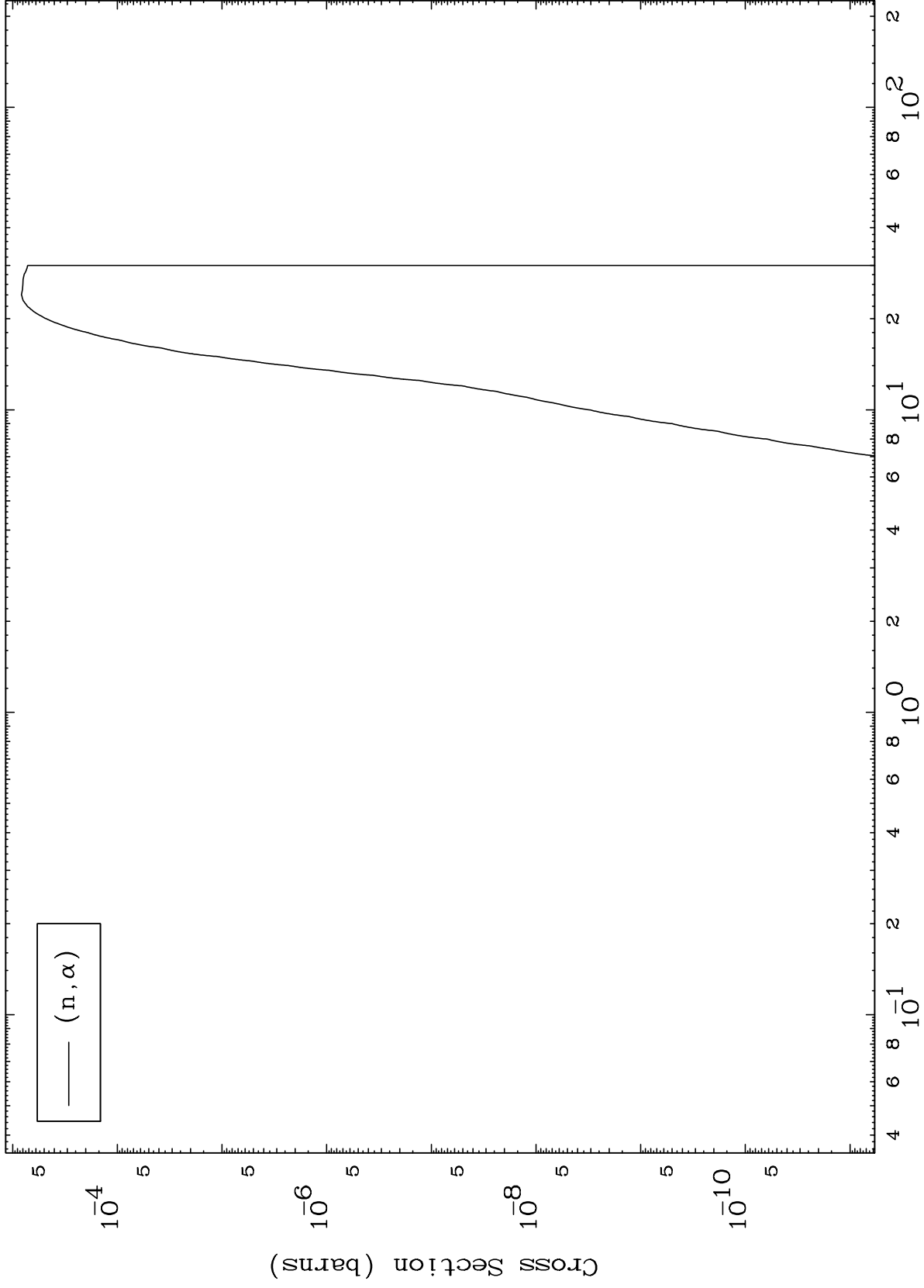
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n, α) Levels
293 Kelvin Cross Sections

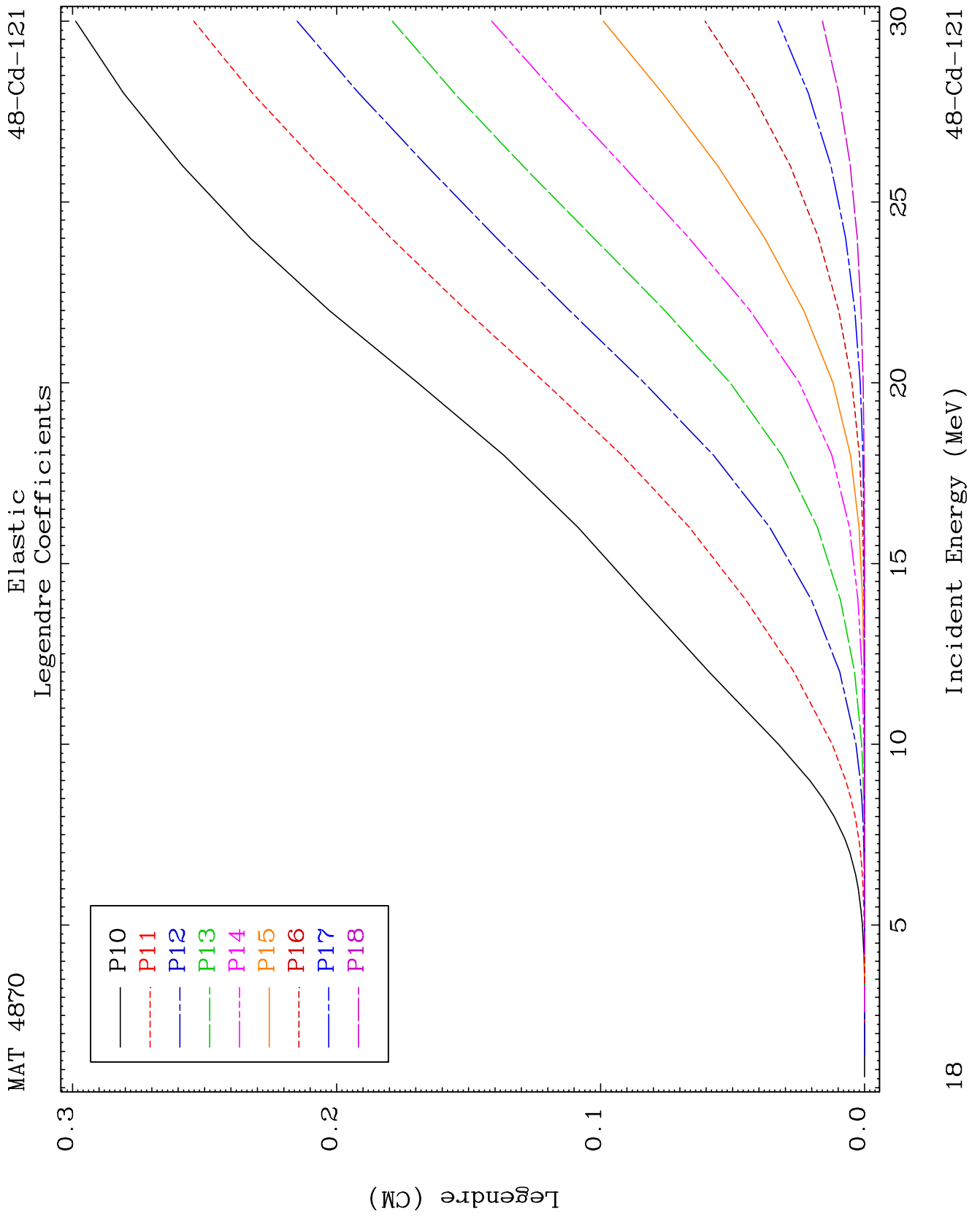
48-Cd-121



16

Incident Energy (MeV)

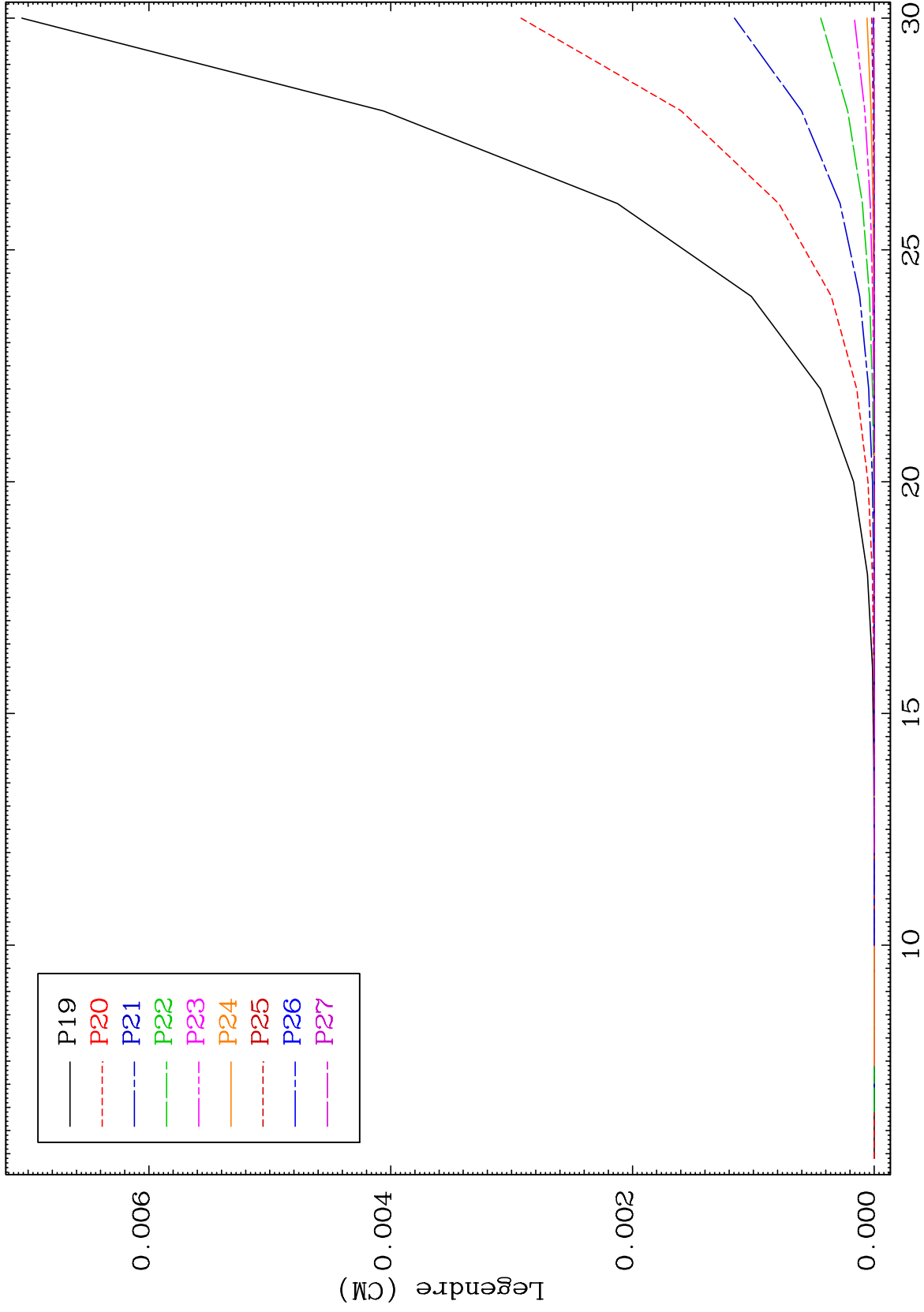
48-Cd-121



MAT 4870

Elastic
Legendre Coefficients

48-Cd-121



19

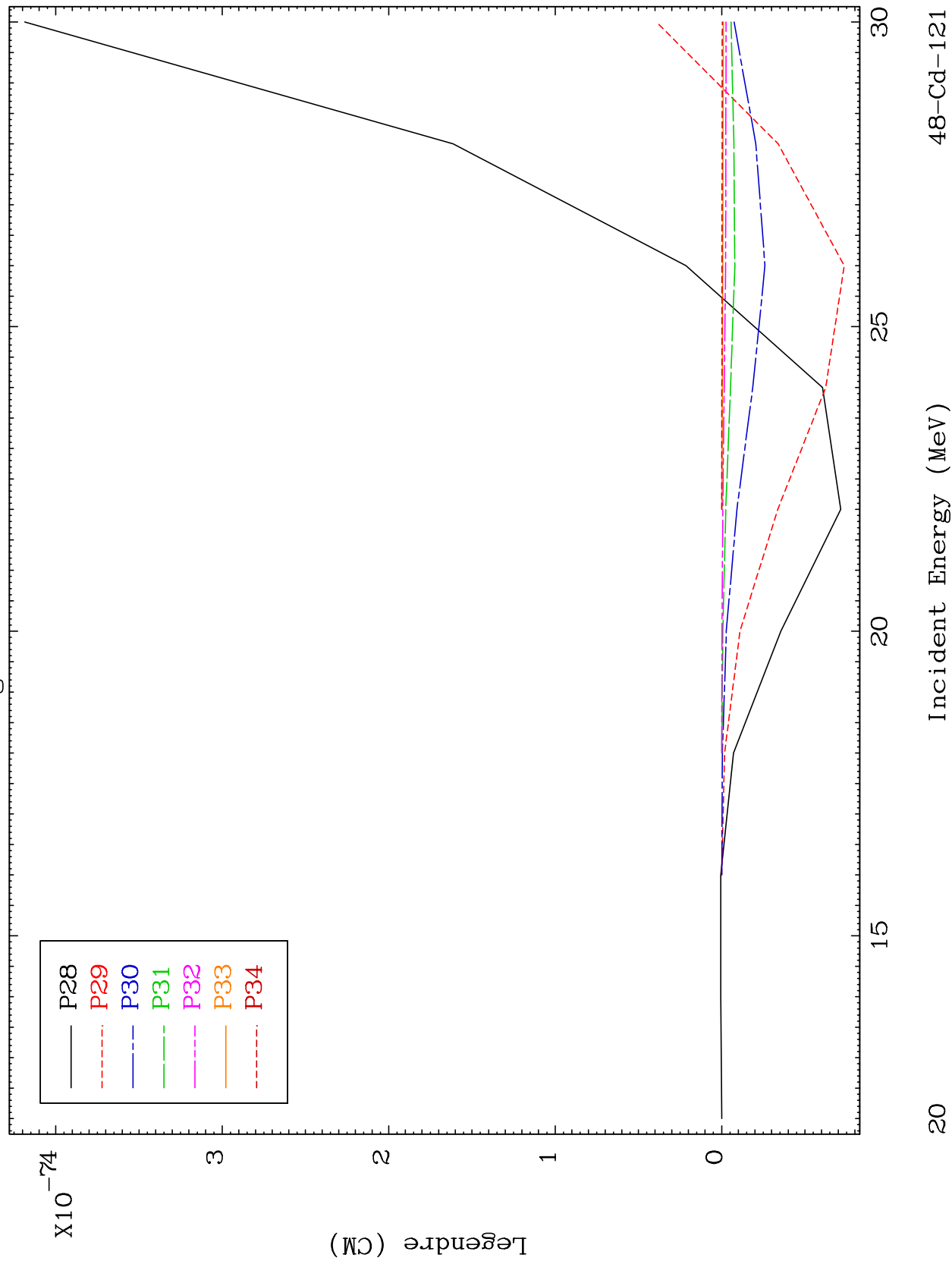
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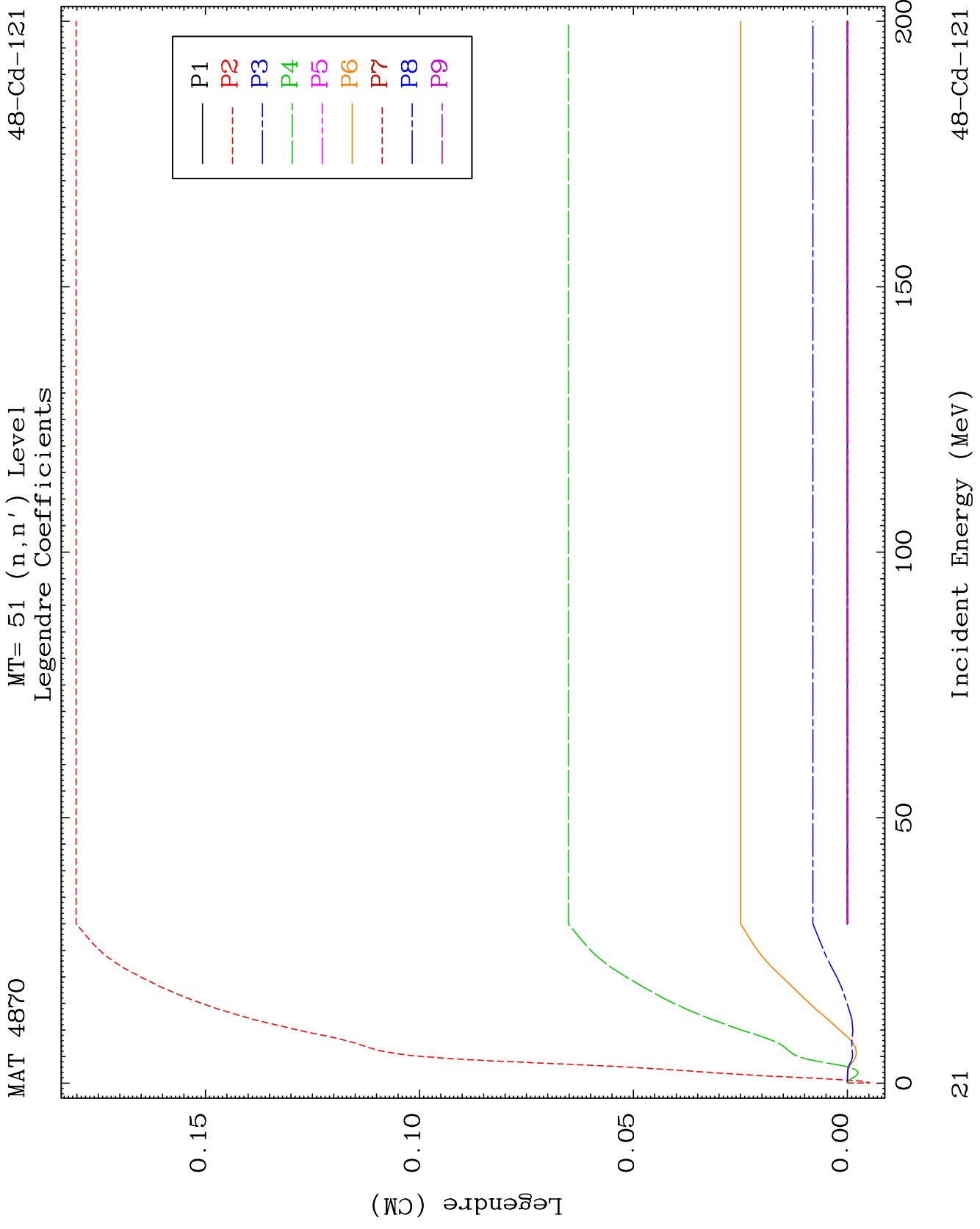
48-Cd-121

MAT 4870

Elastic Legendre Coefficients

48-Cd-121

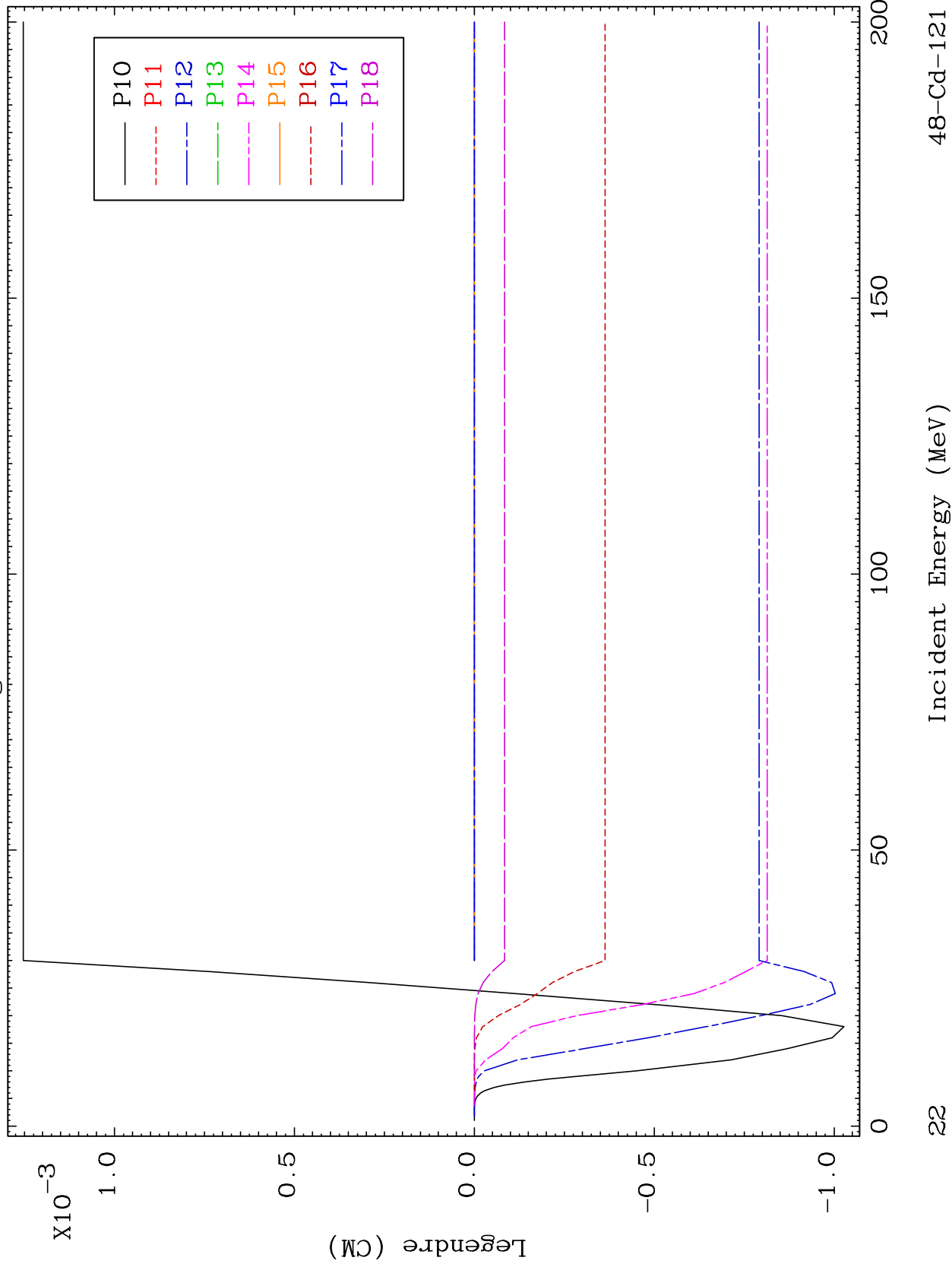




MAT 4870

MT= 51 (n,n') Level
Legendre Coefficients

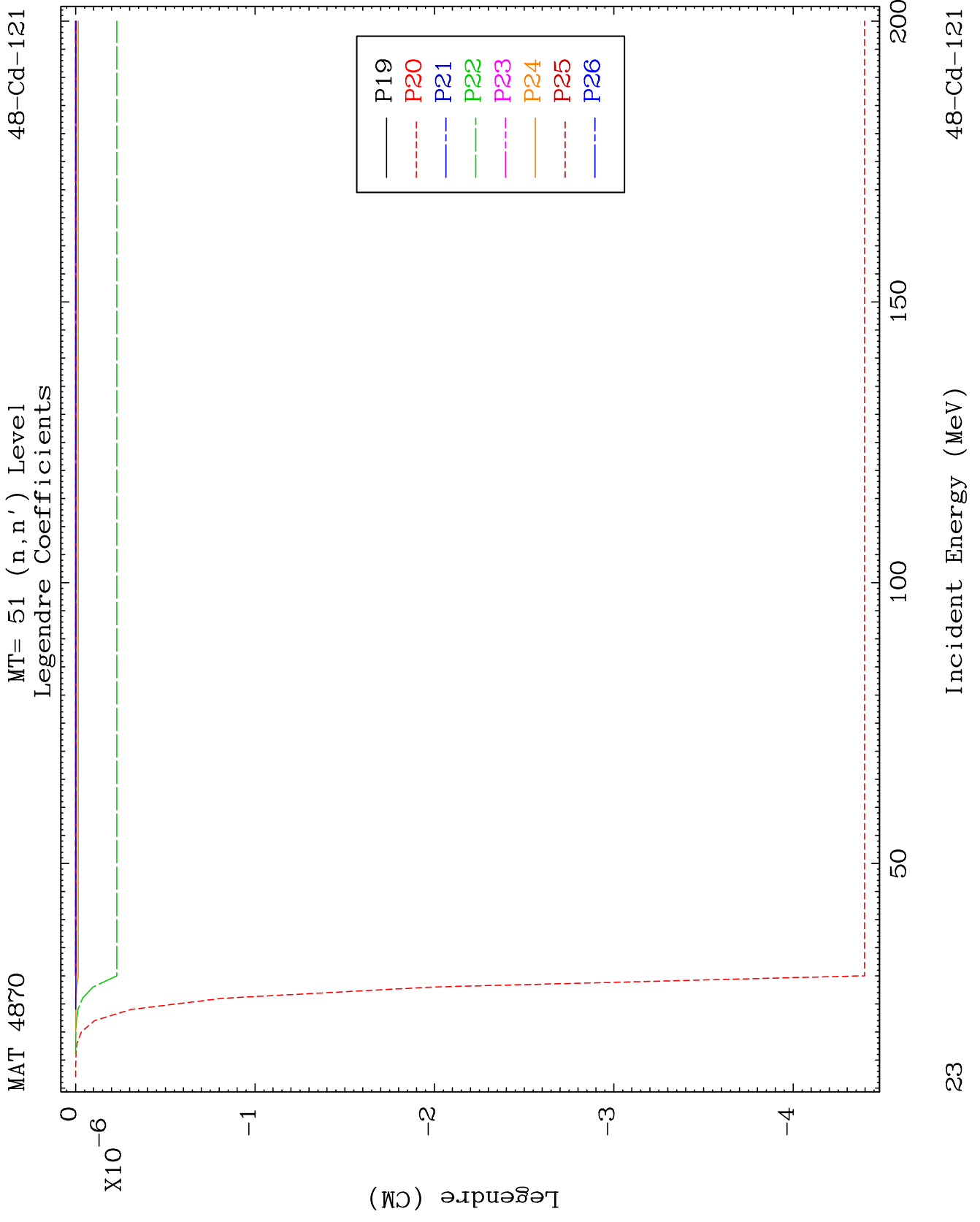
48-Cd-121



22

Incident Energy (MeV)

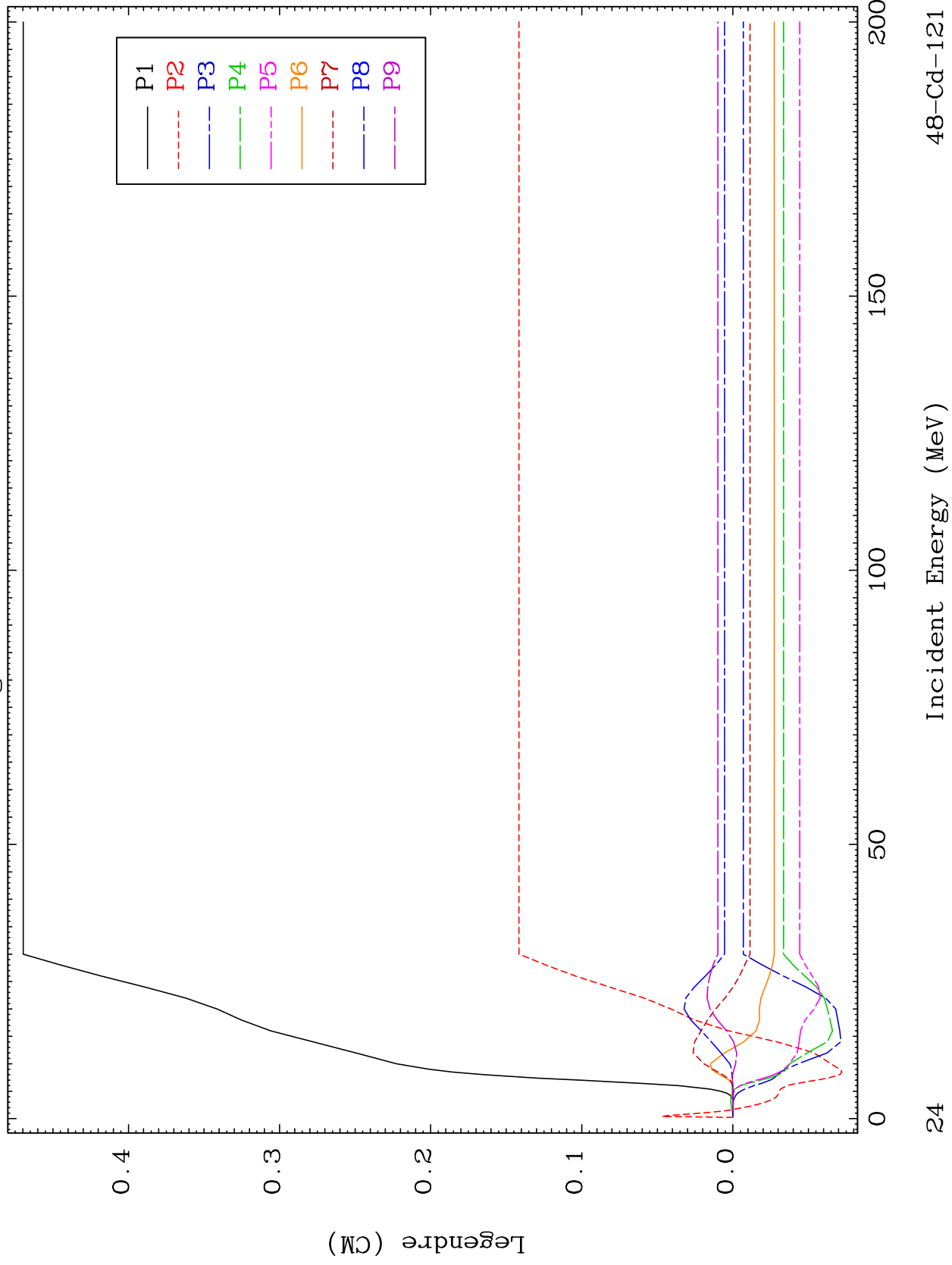
48-Cd-121



MAT 4870

MT= 52 (n,n') Level
Legendre Coefficients

48-Cd-121



24

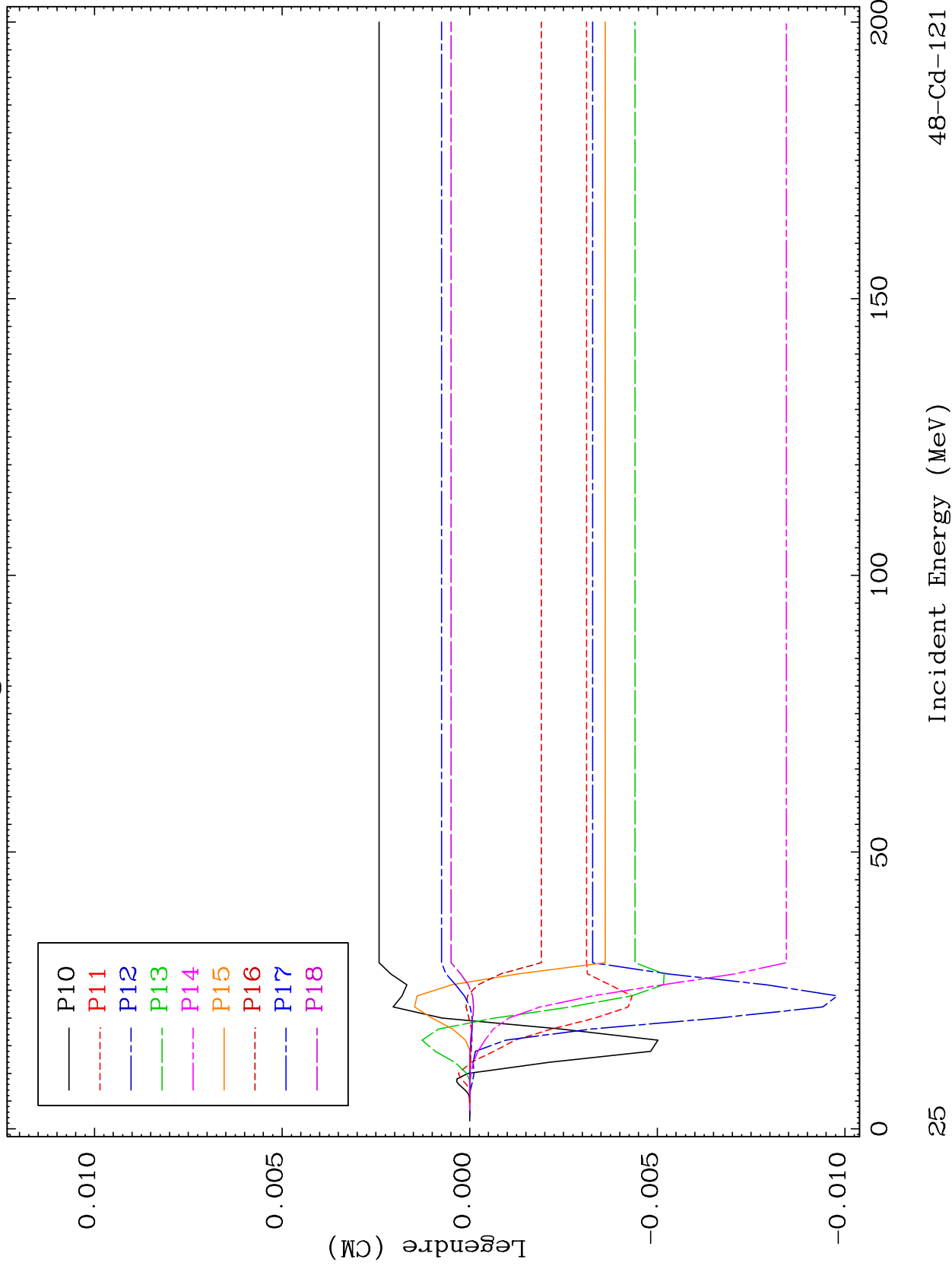
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 52 (n,n') Level
Legendre Coefficients

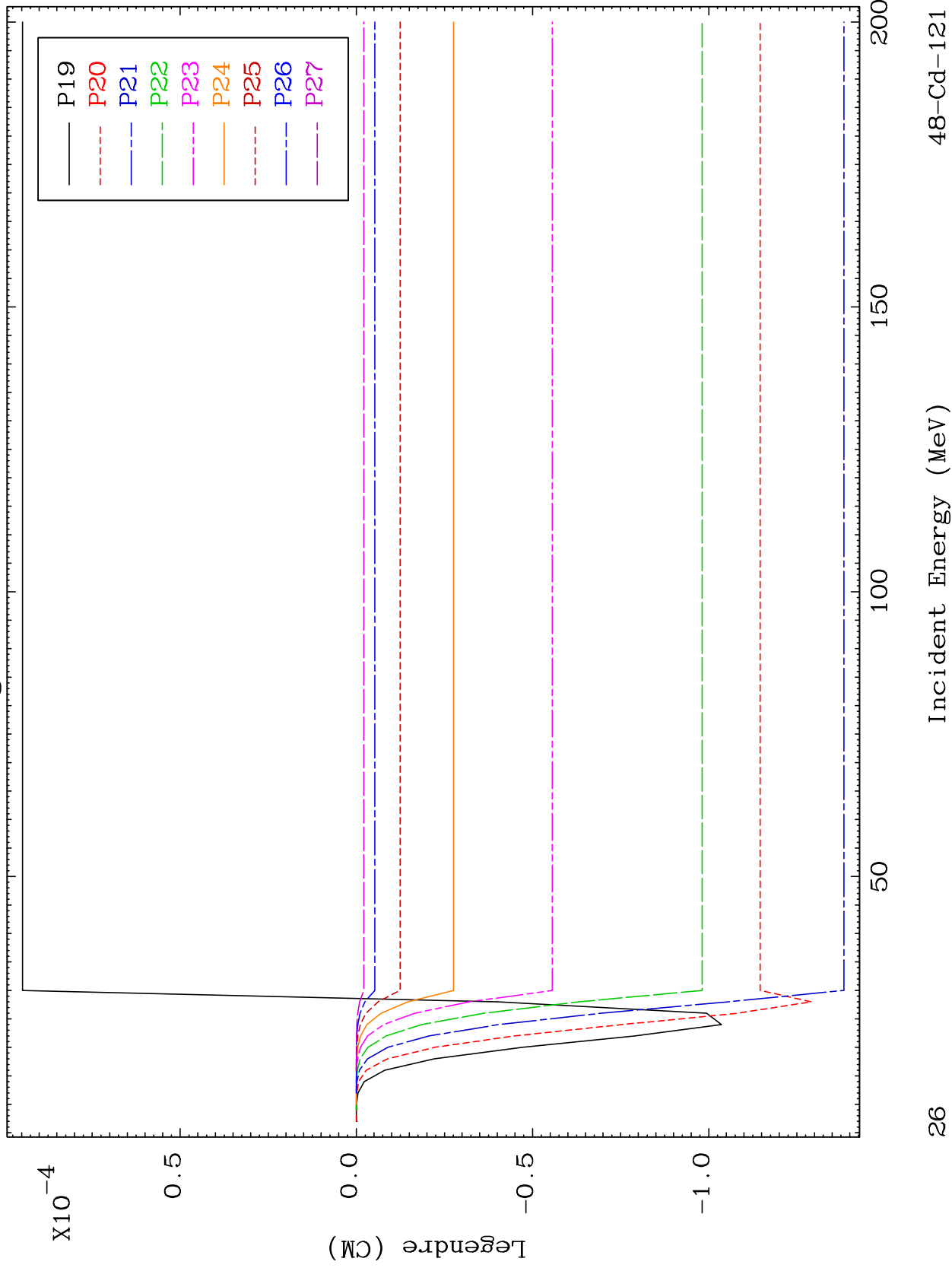
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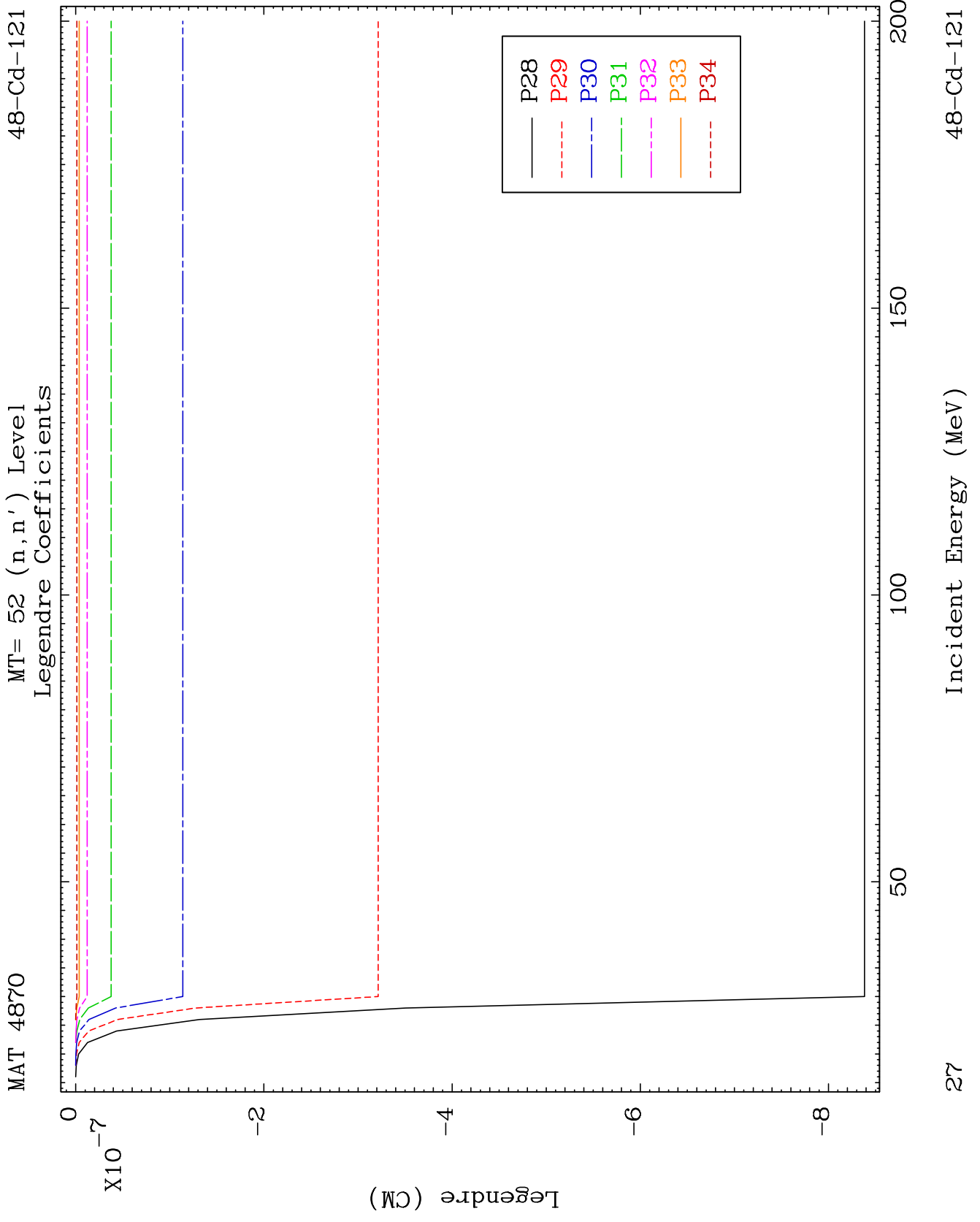


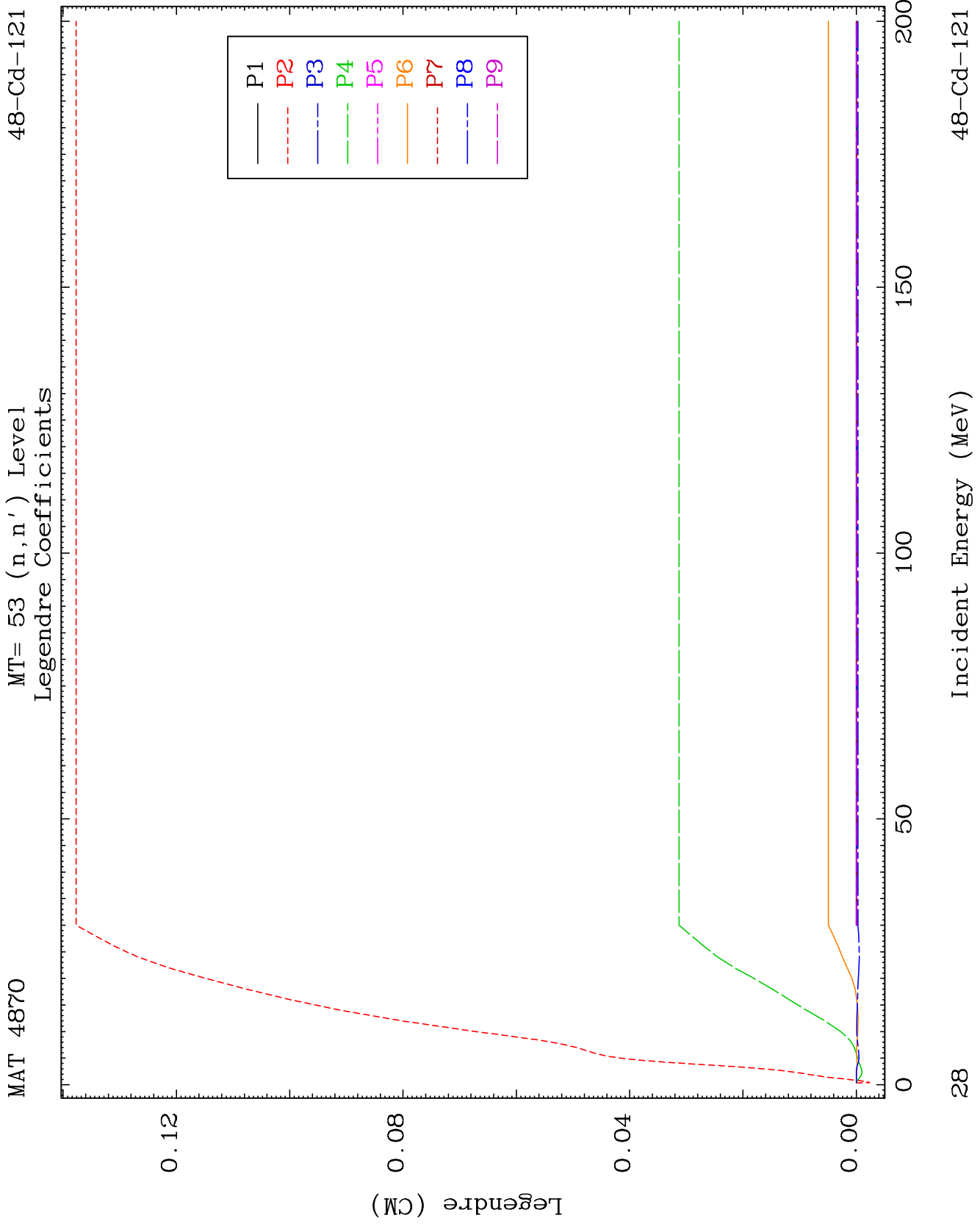
48-Cd-121

Incident Energy (MeV)

25





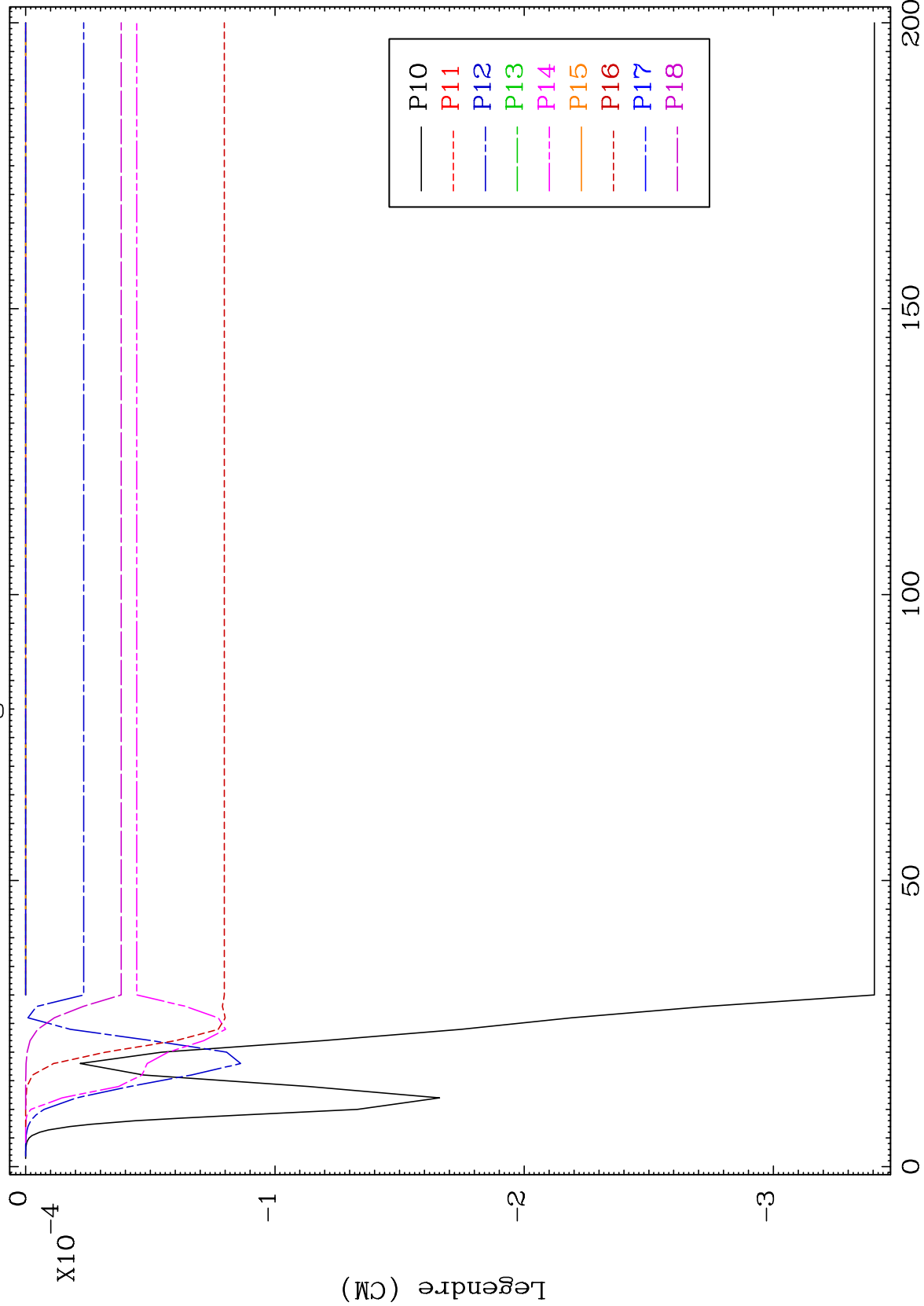


MAT 4870

MT= 53 (n,n') Level

48-Cd-121

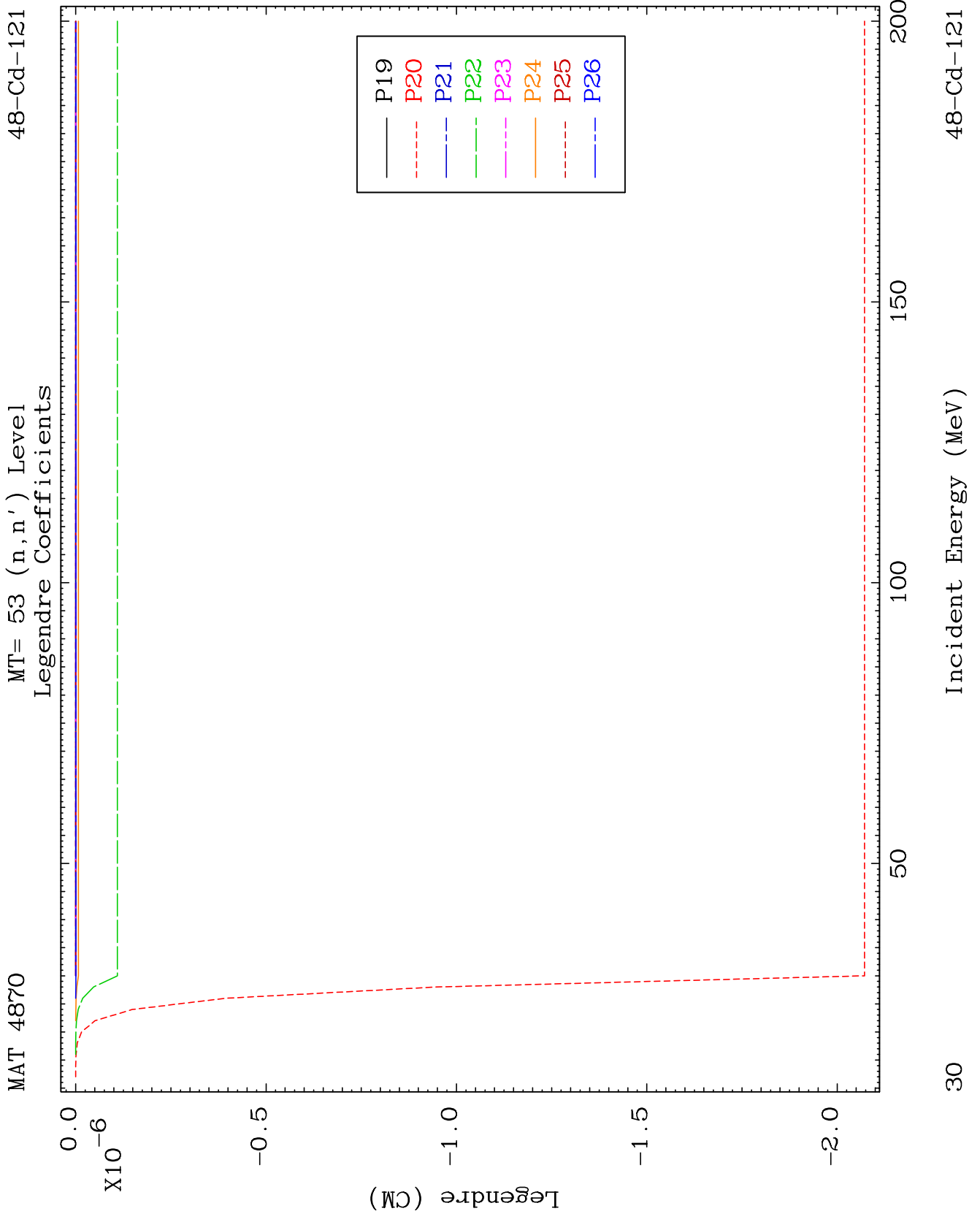
Legendre Coefficients

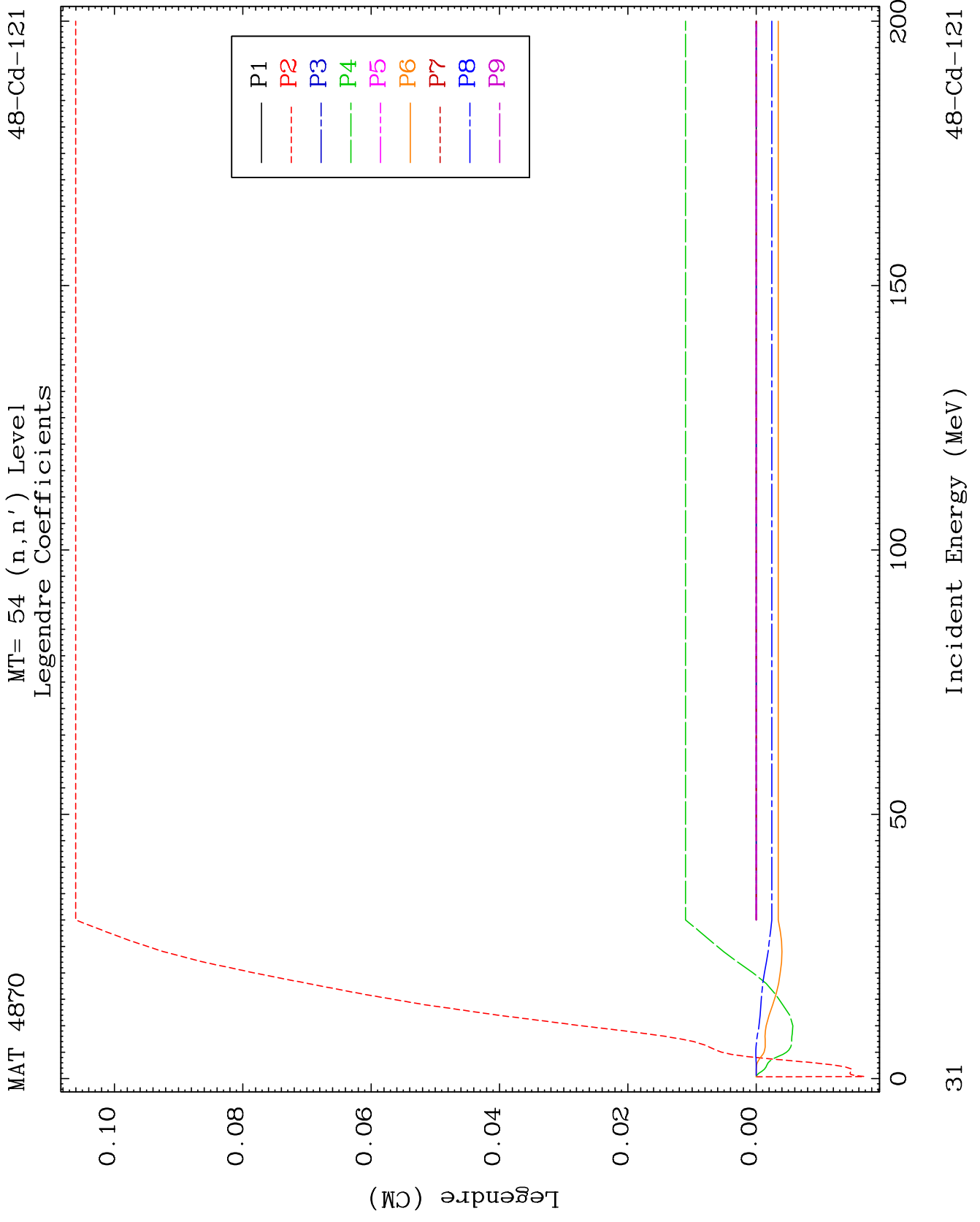


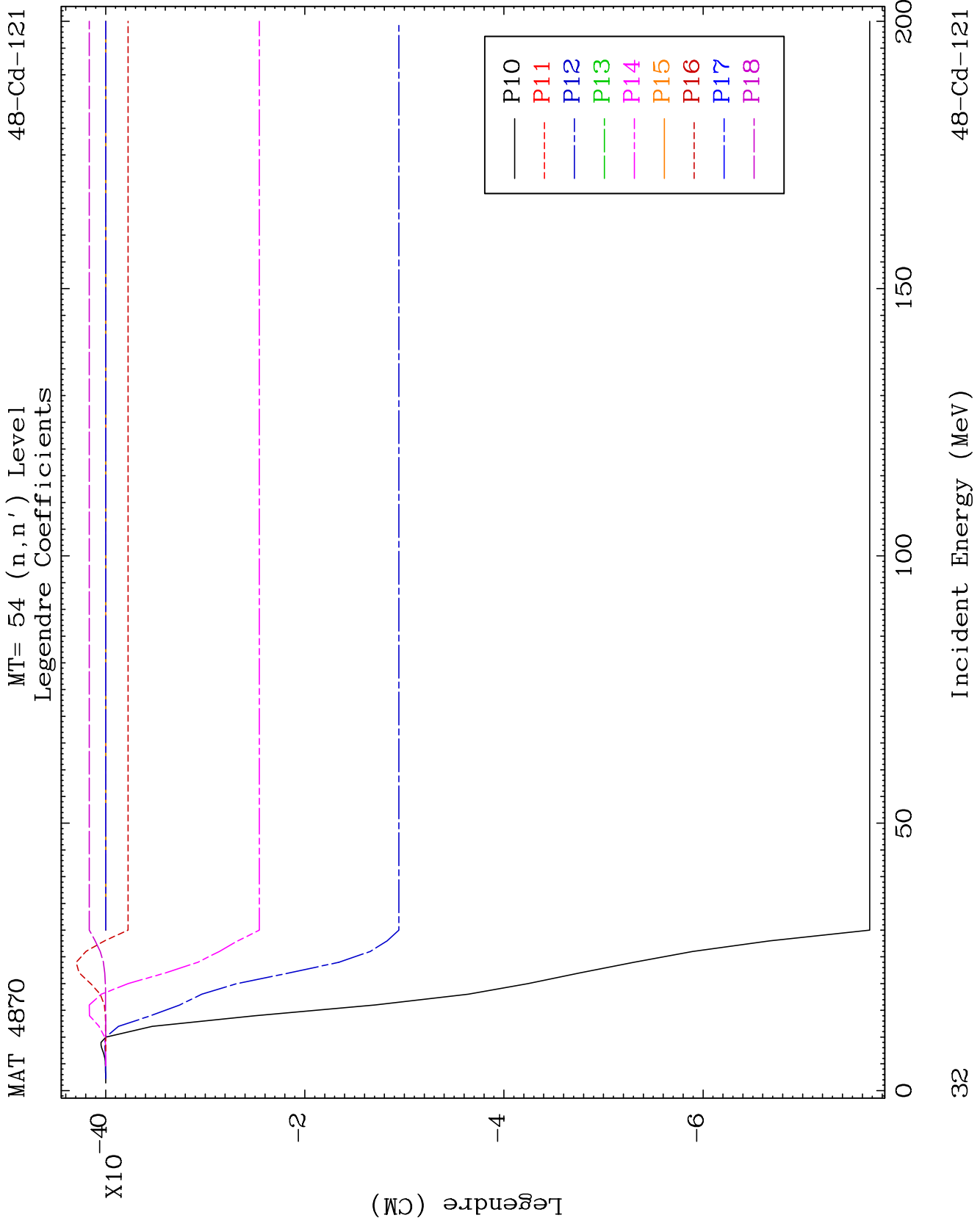
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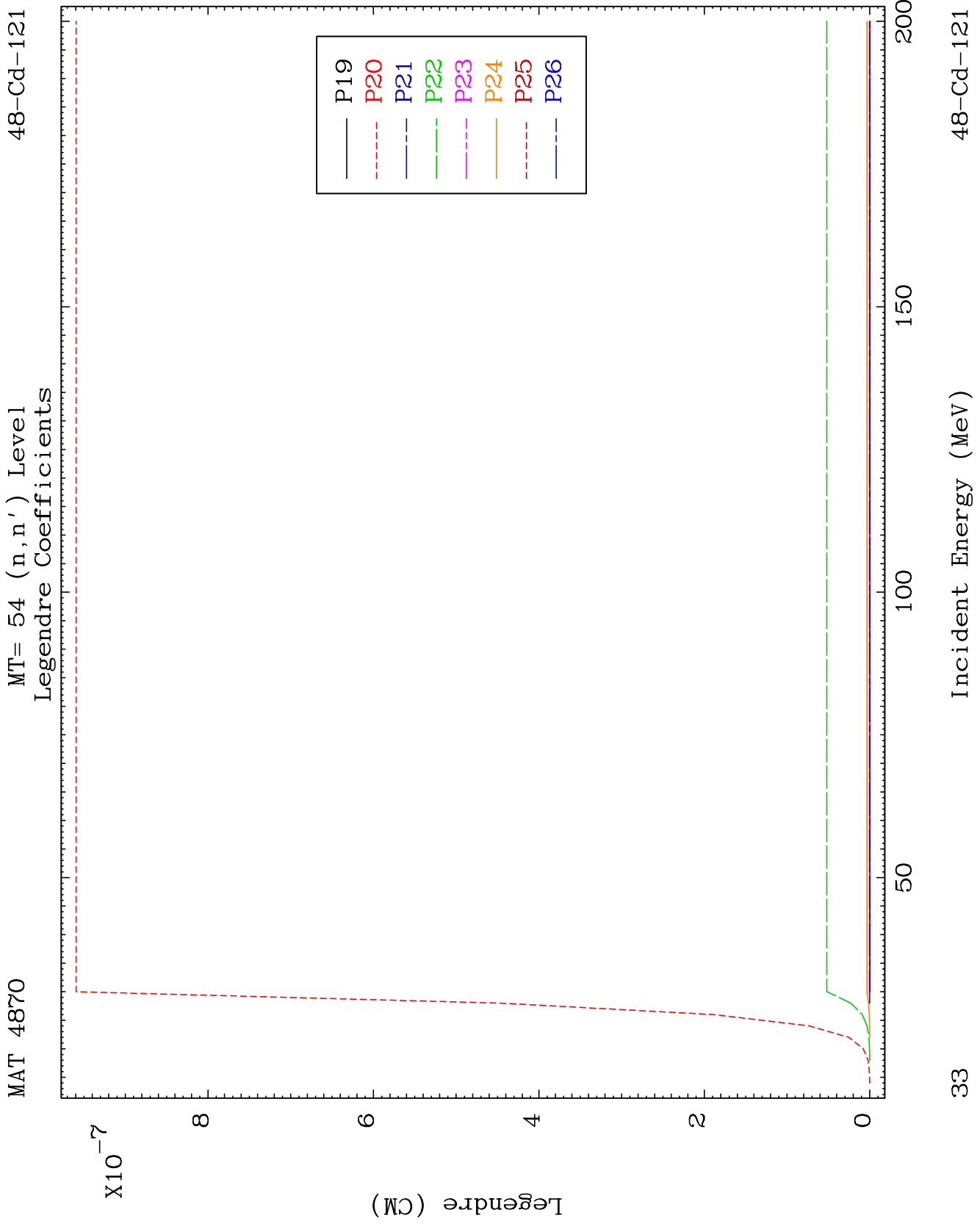
Incident Energy (MeV)

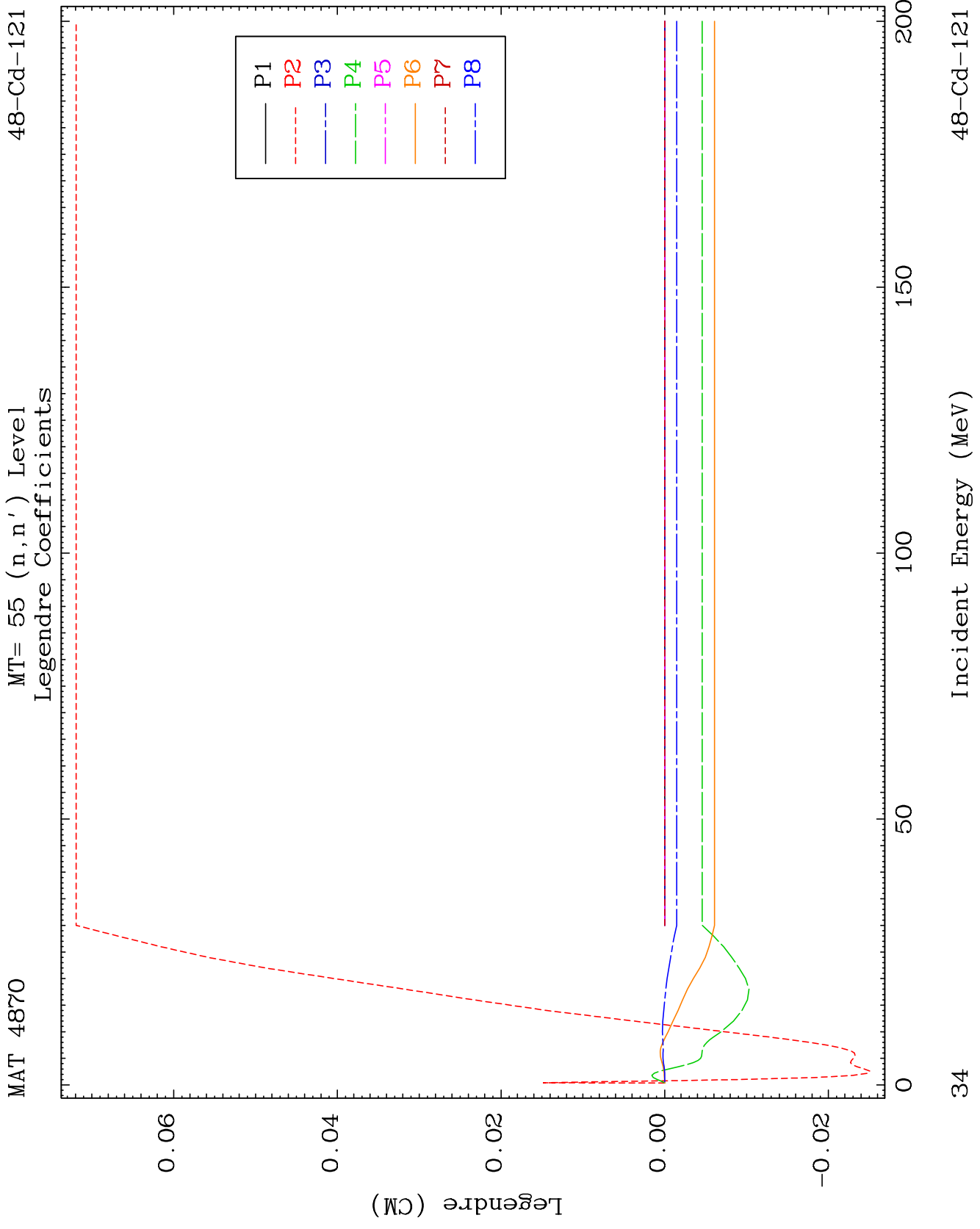
48-Cd-121

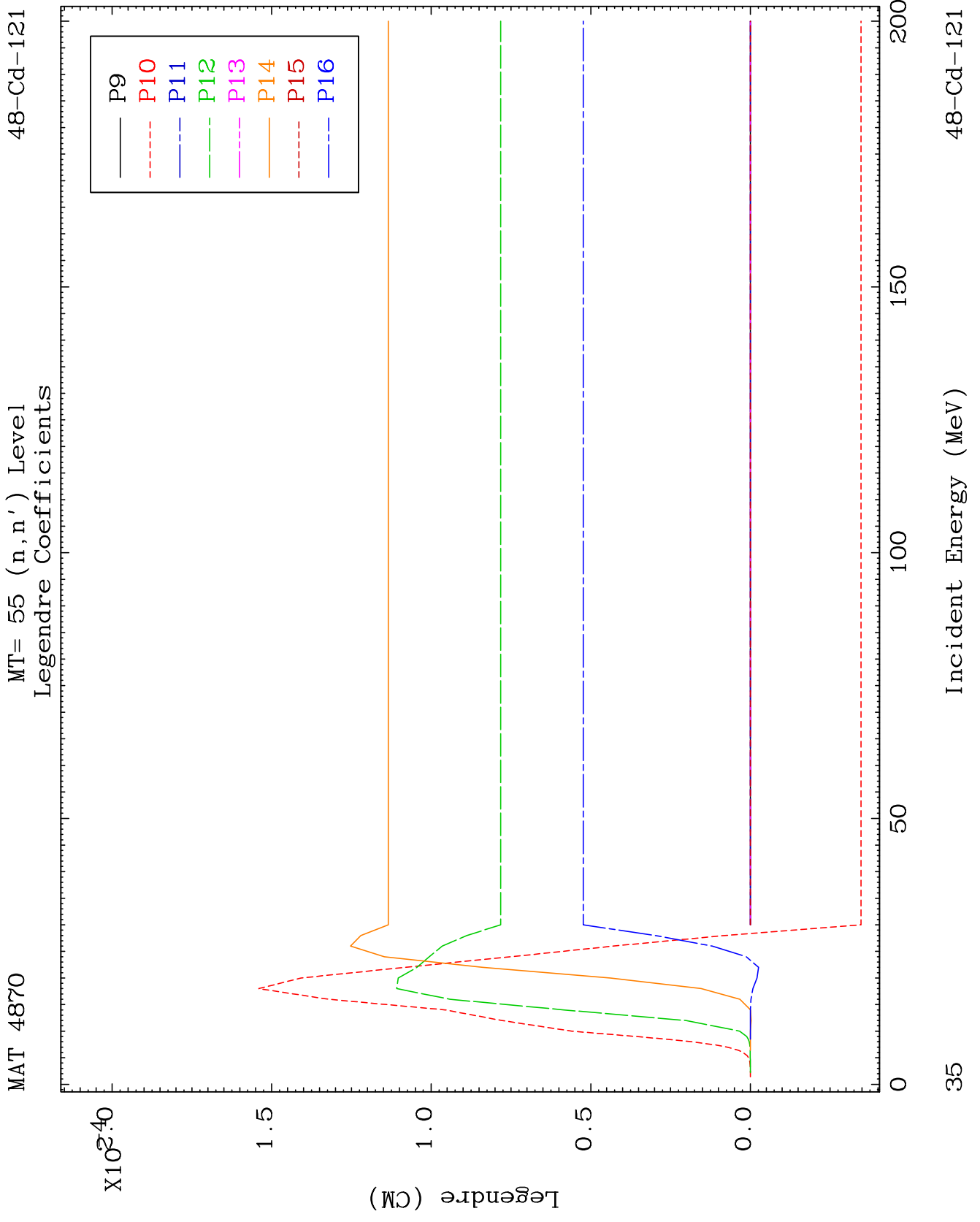


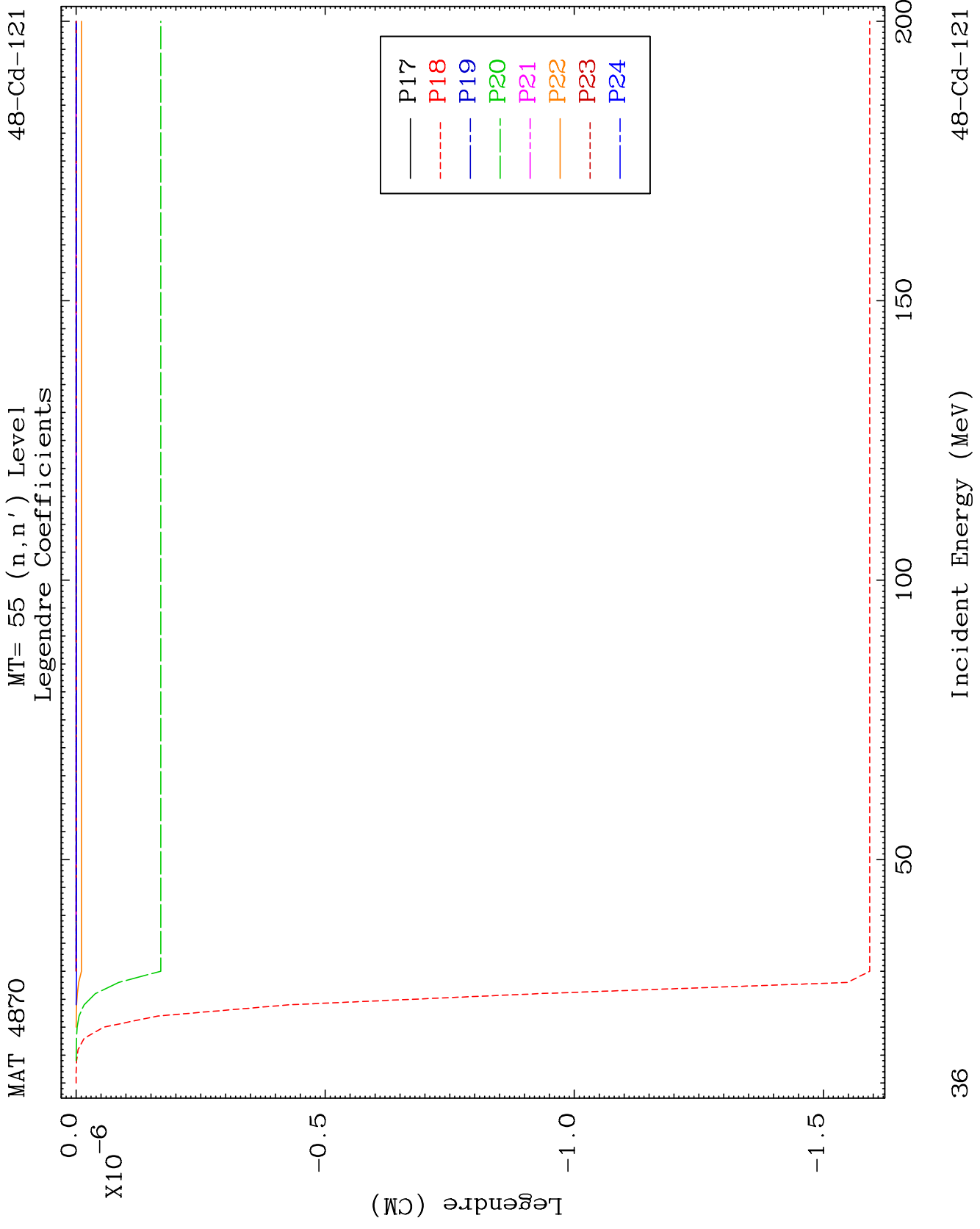


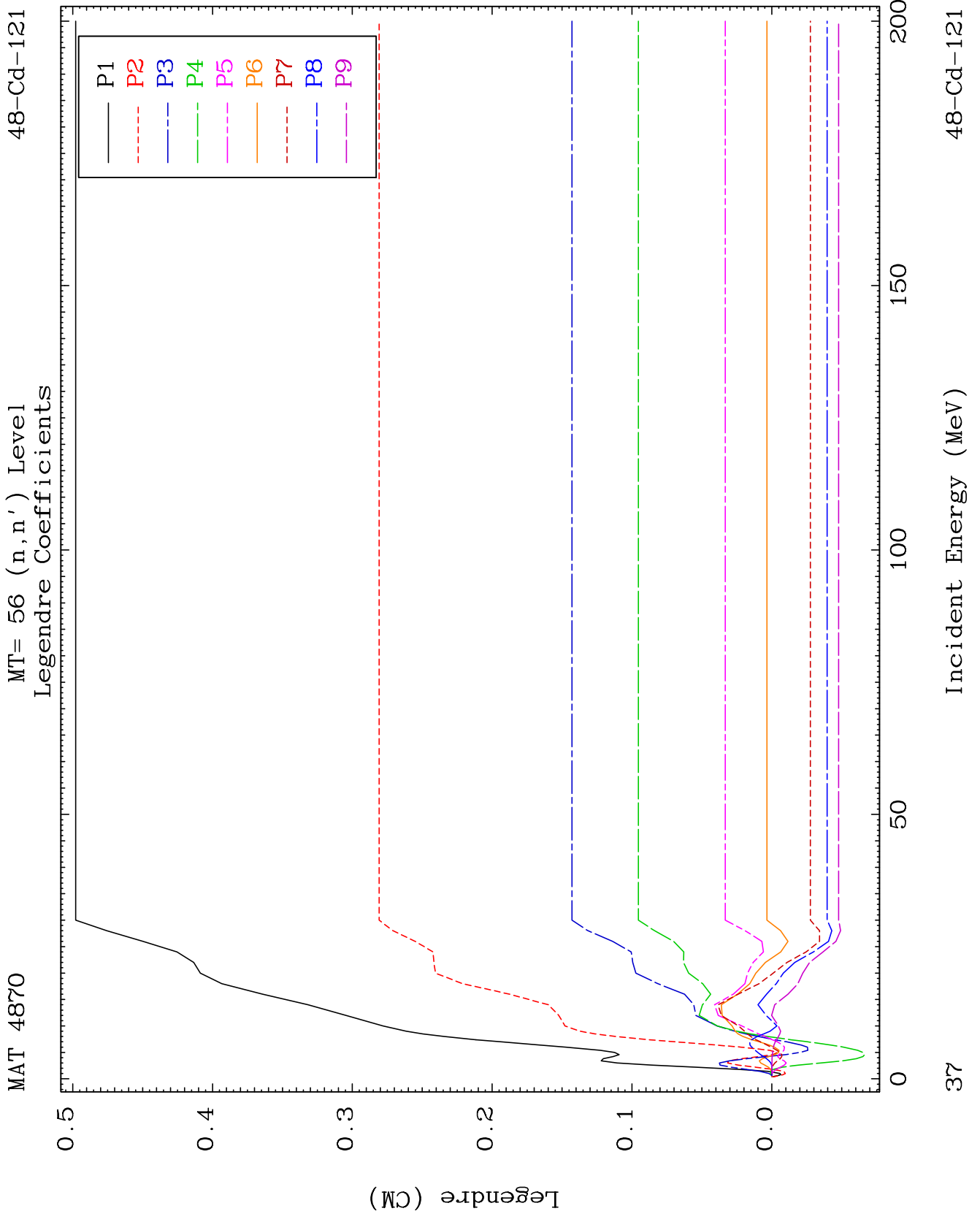


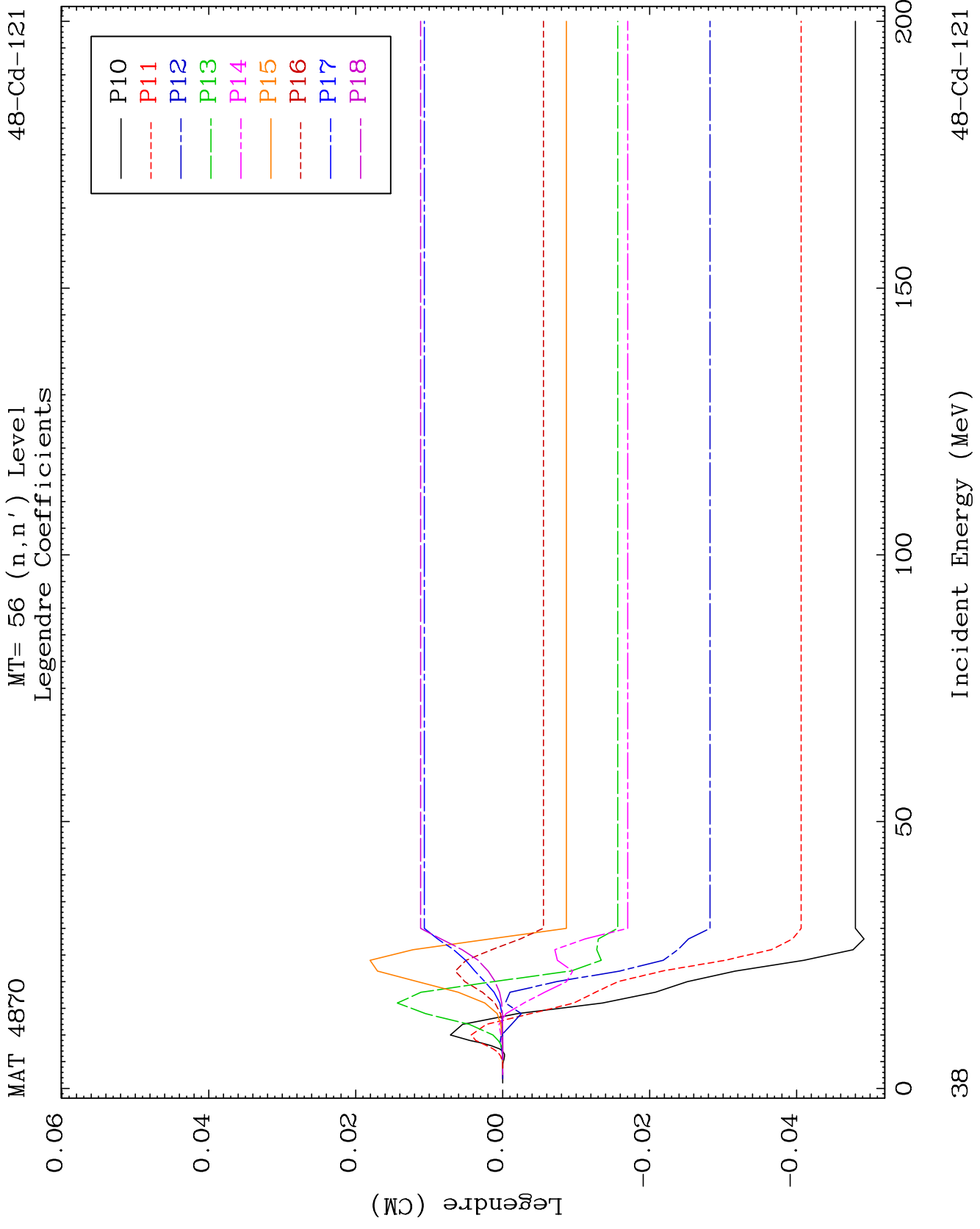








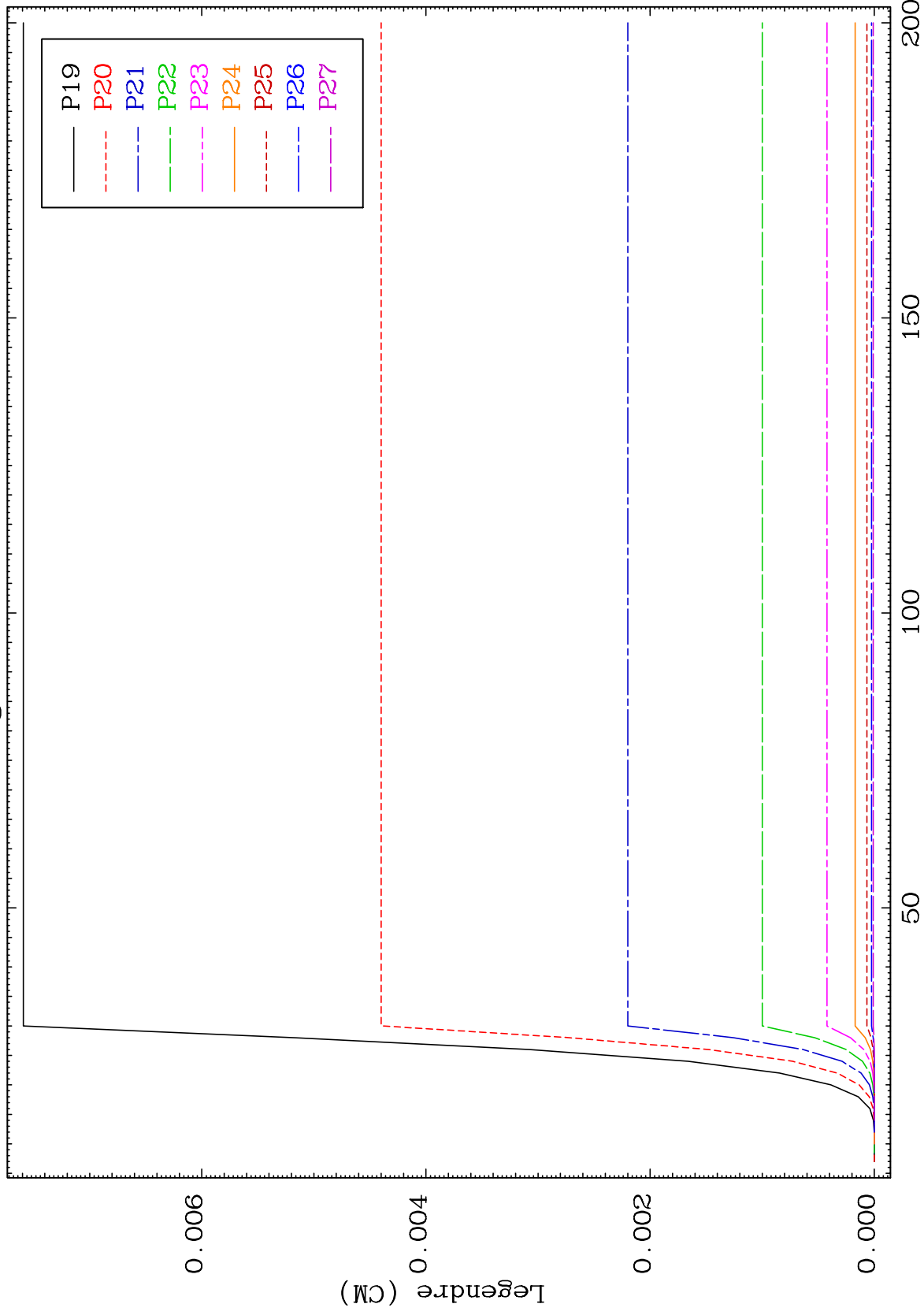




MAT 4870

MT= 56 (n,n') Level
Legendre Coefficients

48-Cd-121



39

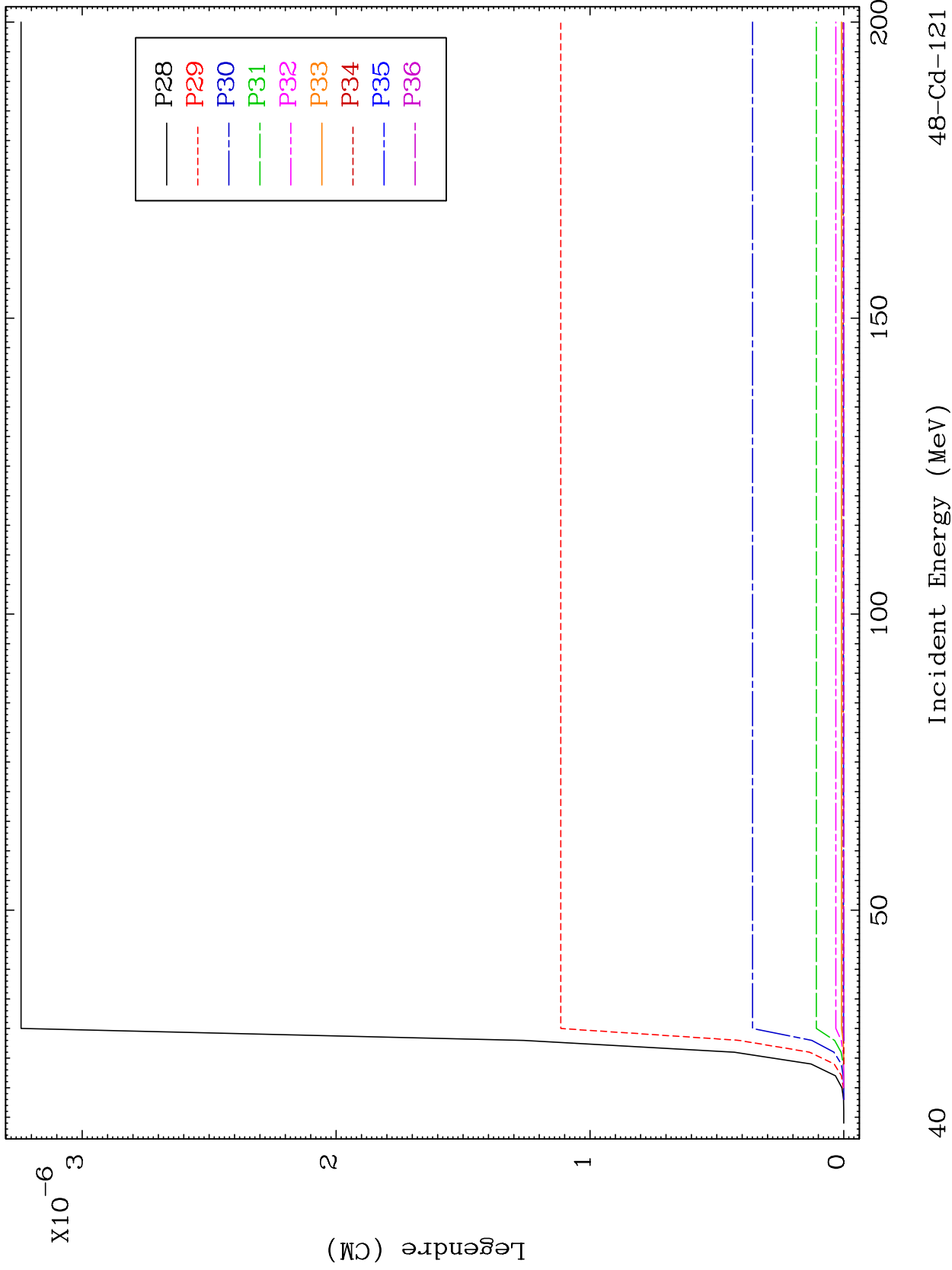
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 56 (n,n') Level
Legendre Coefficients

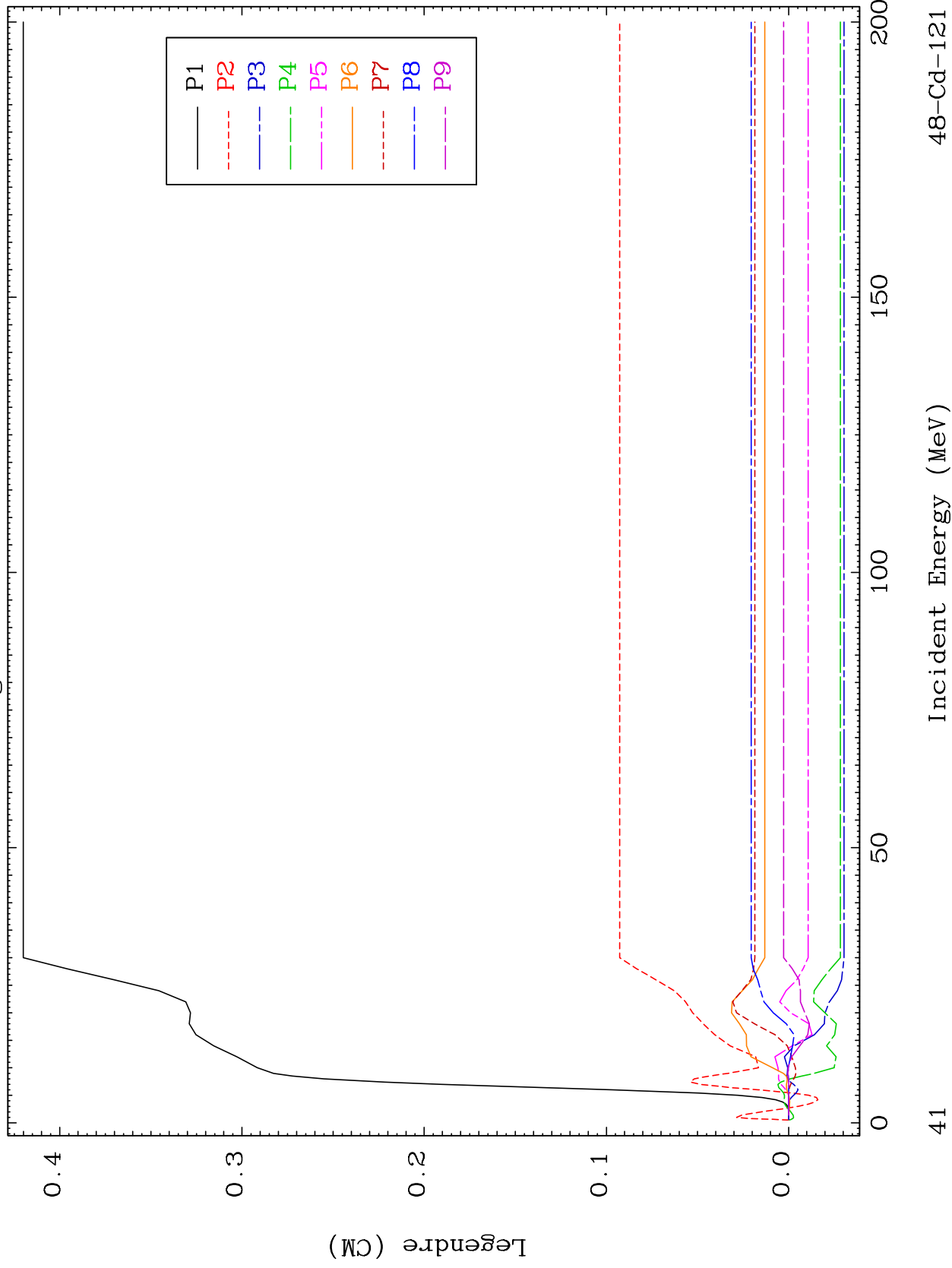
48-Cd-121

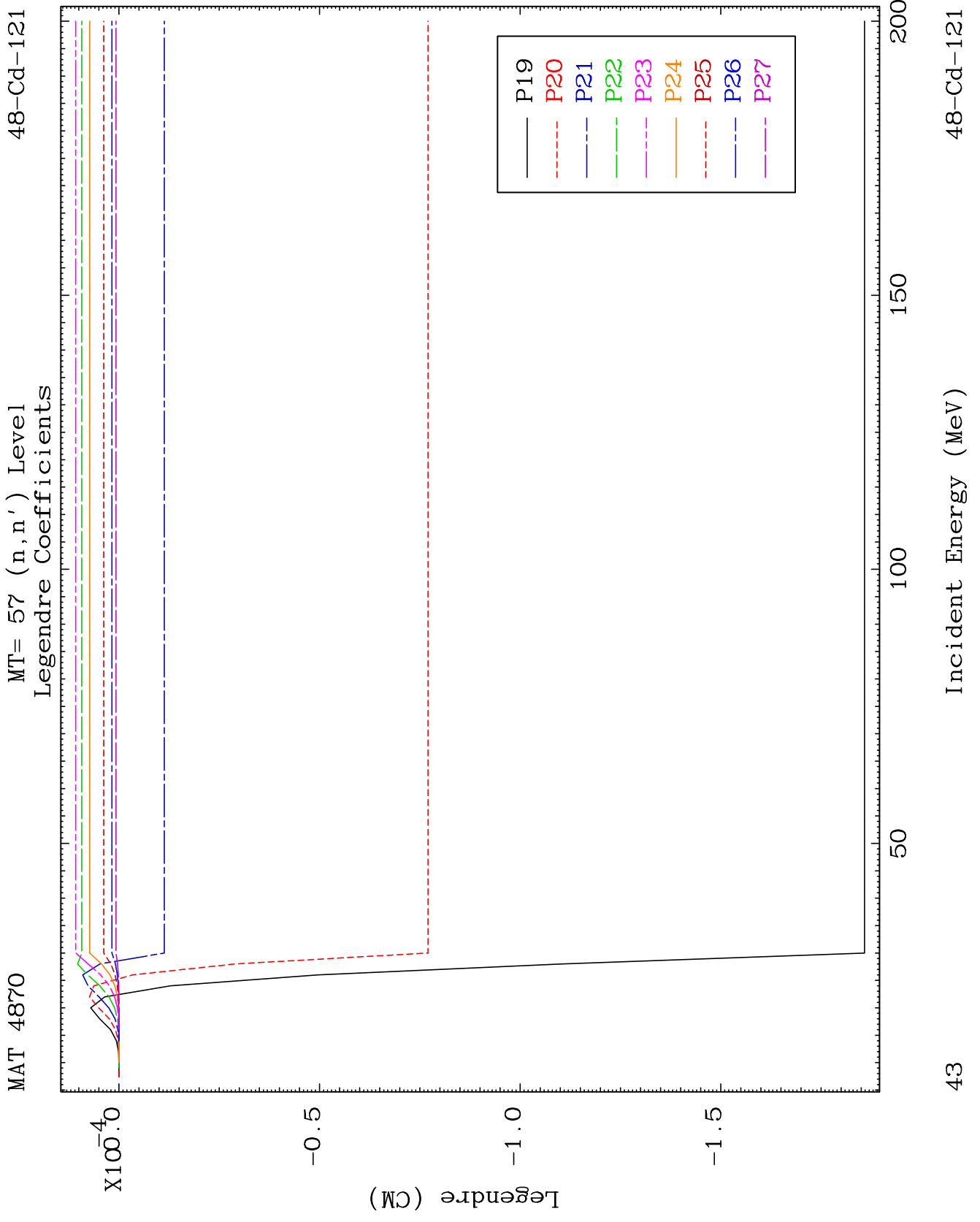


MAT 4870

MT= 57 (n,n') Level
Legendre Coefficients

48-Cd-121

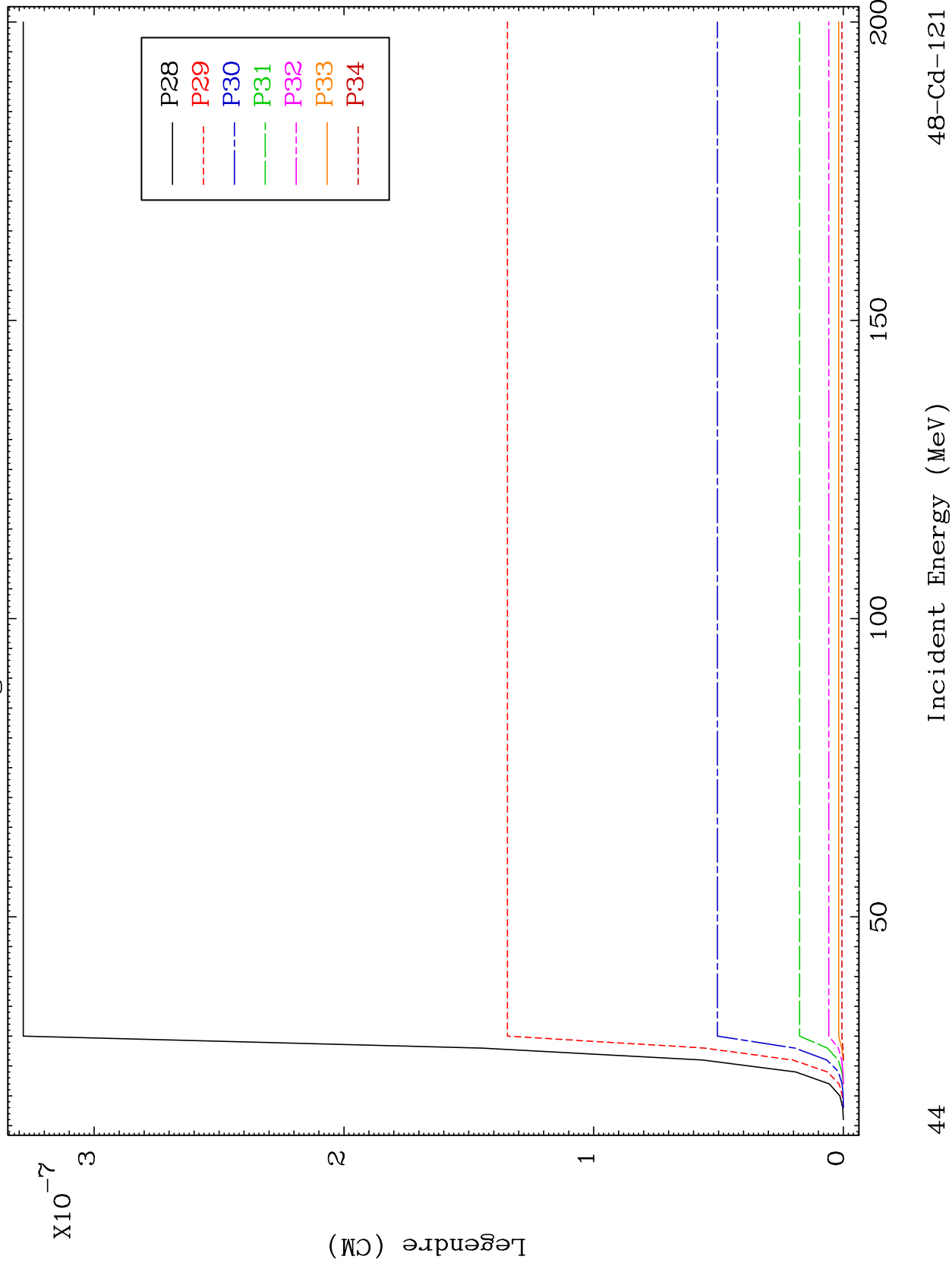




MAT 4870

MT= 57 (n,n') Level
Legendre Coefficients

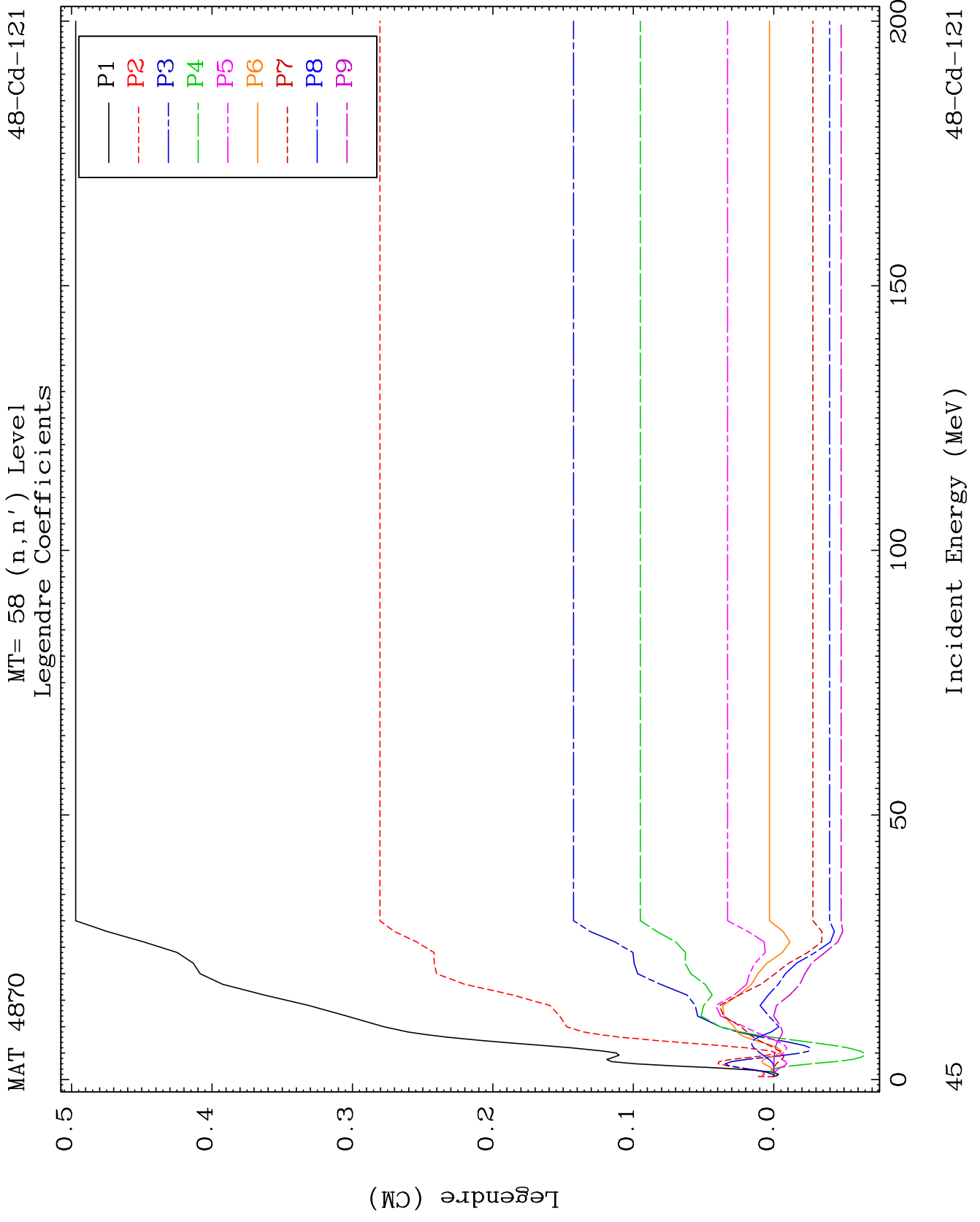
48-Cd-121



44

Incident Energy (MeV)

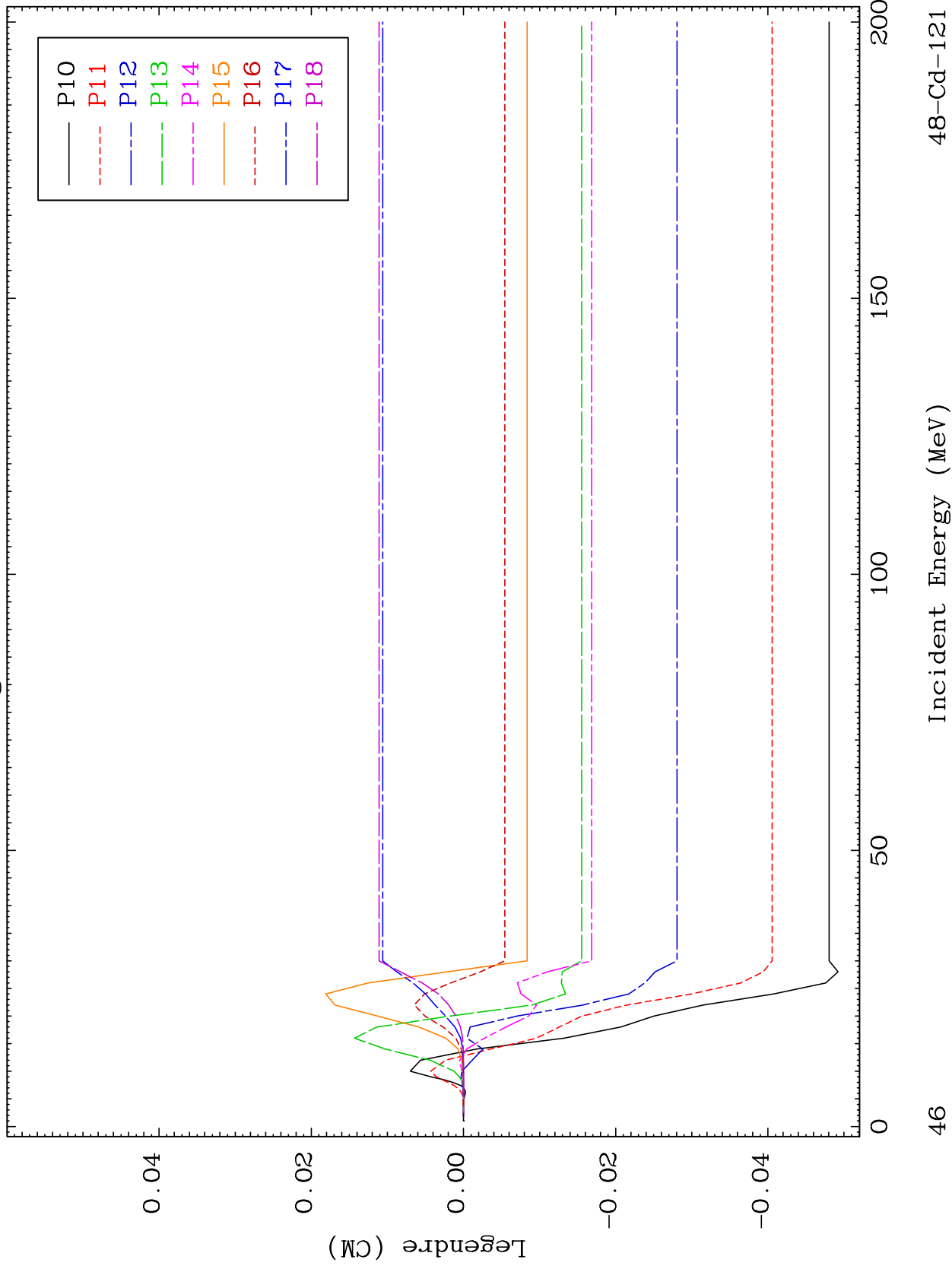
48-Cd-121



MAT 4870

MT= 58 (n,n') Level
Legendre Coefficients

48-Cd-121



48-Cd-121

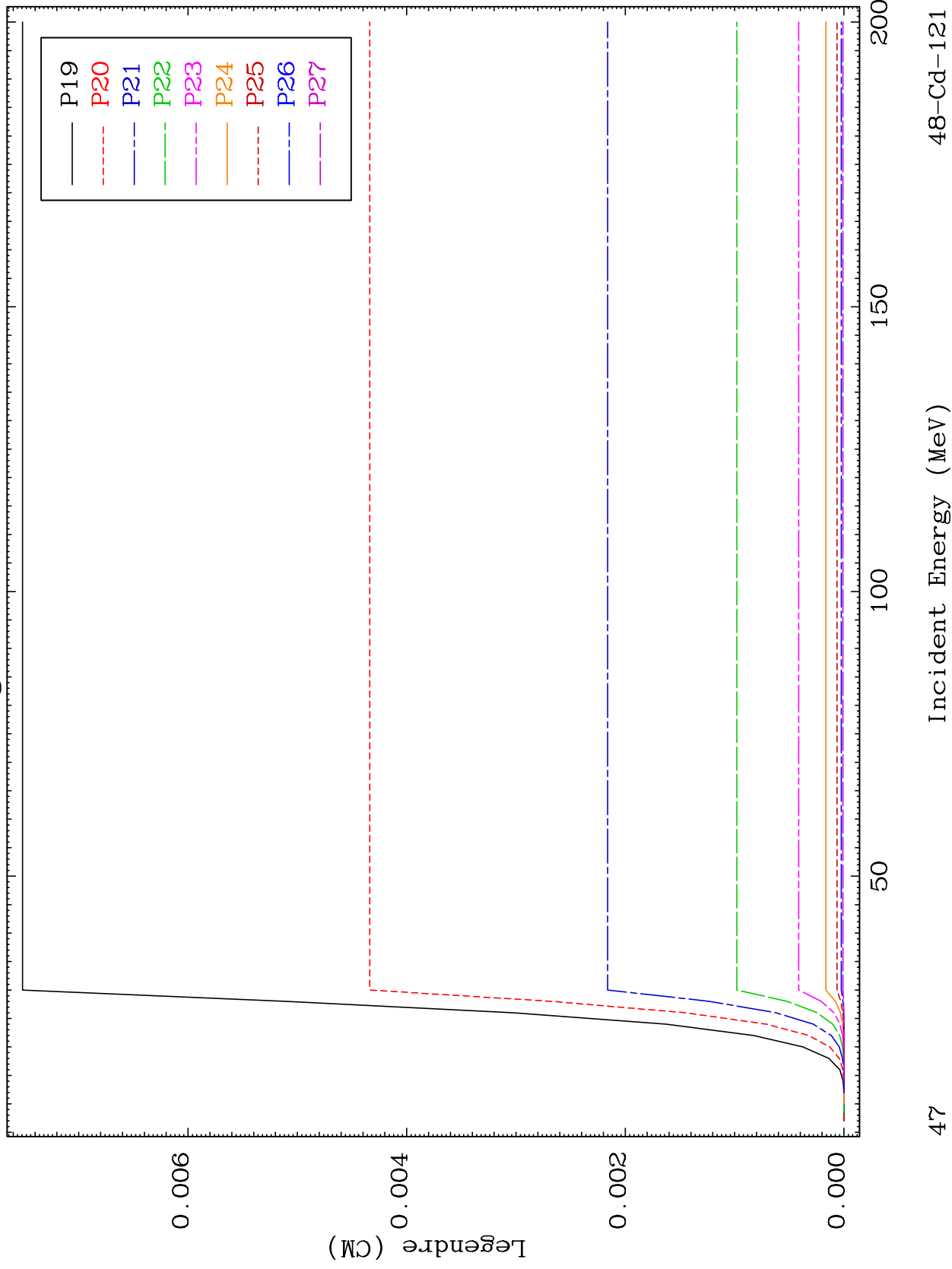
Incident Energy (MeV)

46

MAT 4870

MT= 58 (n,n') Level
Legendre Coefficients

48-Cd-121



47

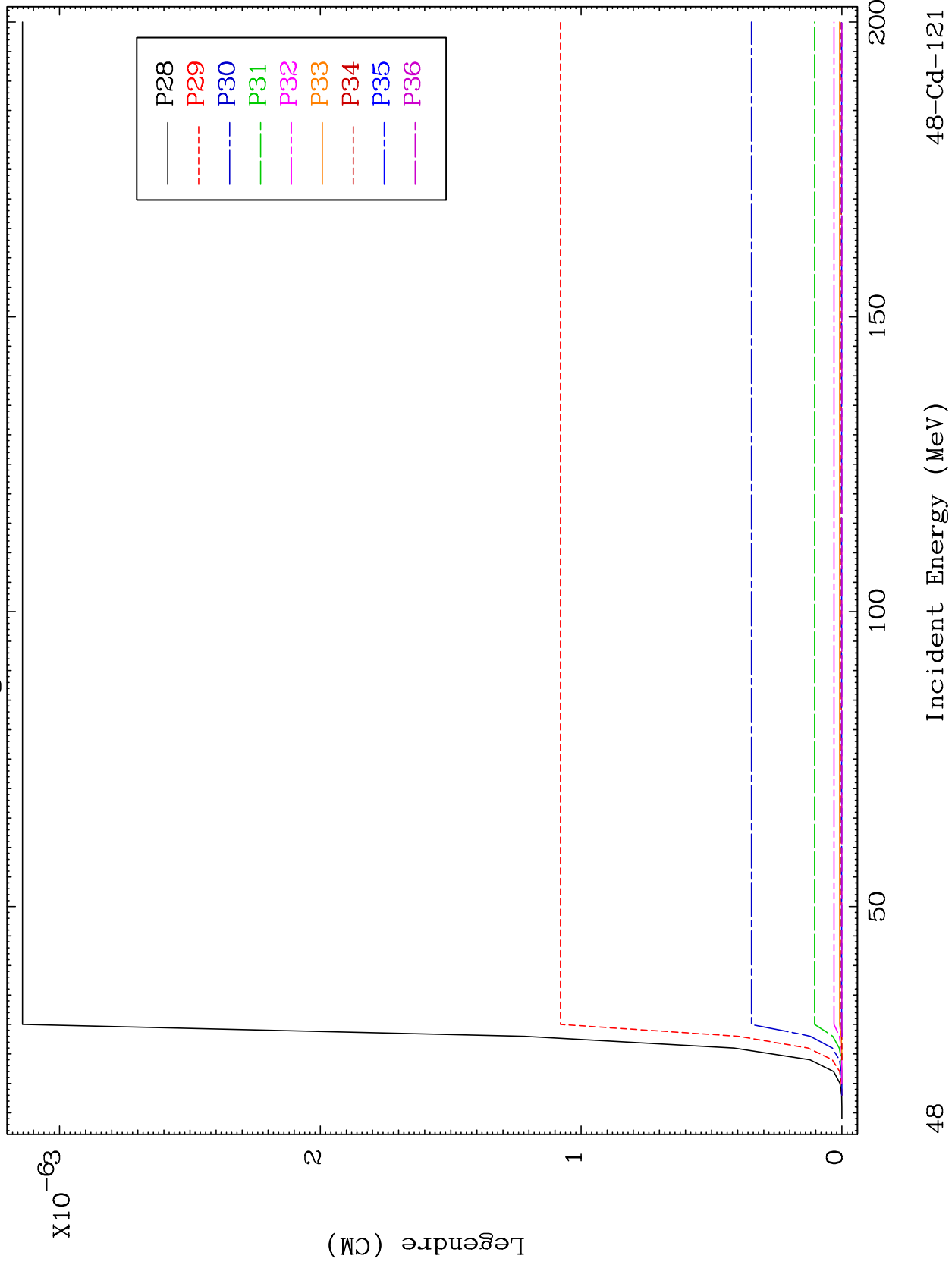
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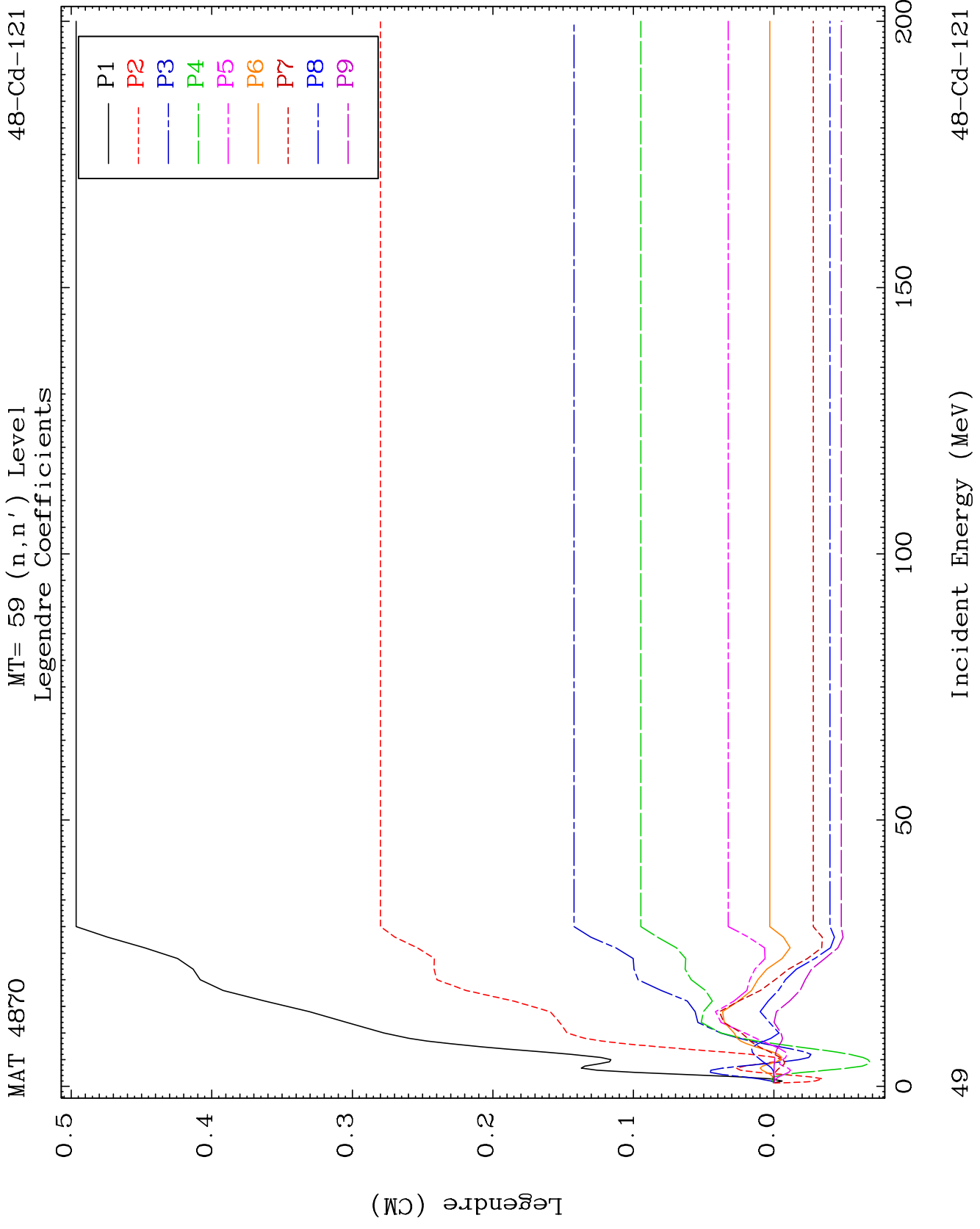
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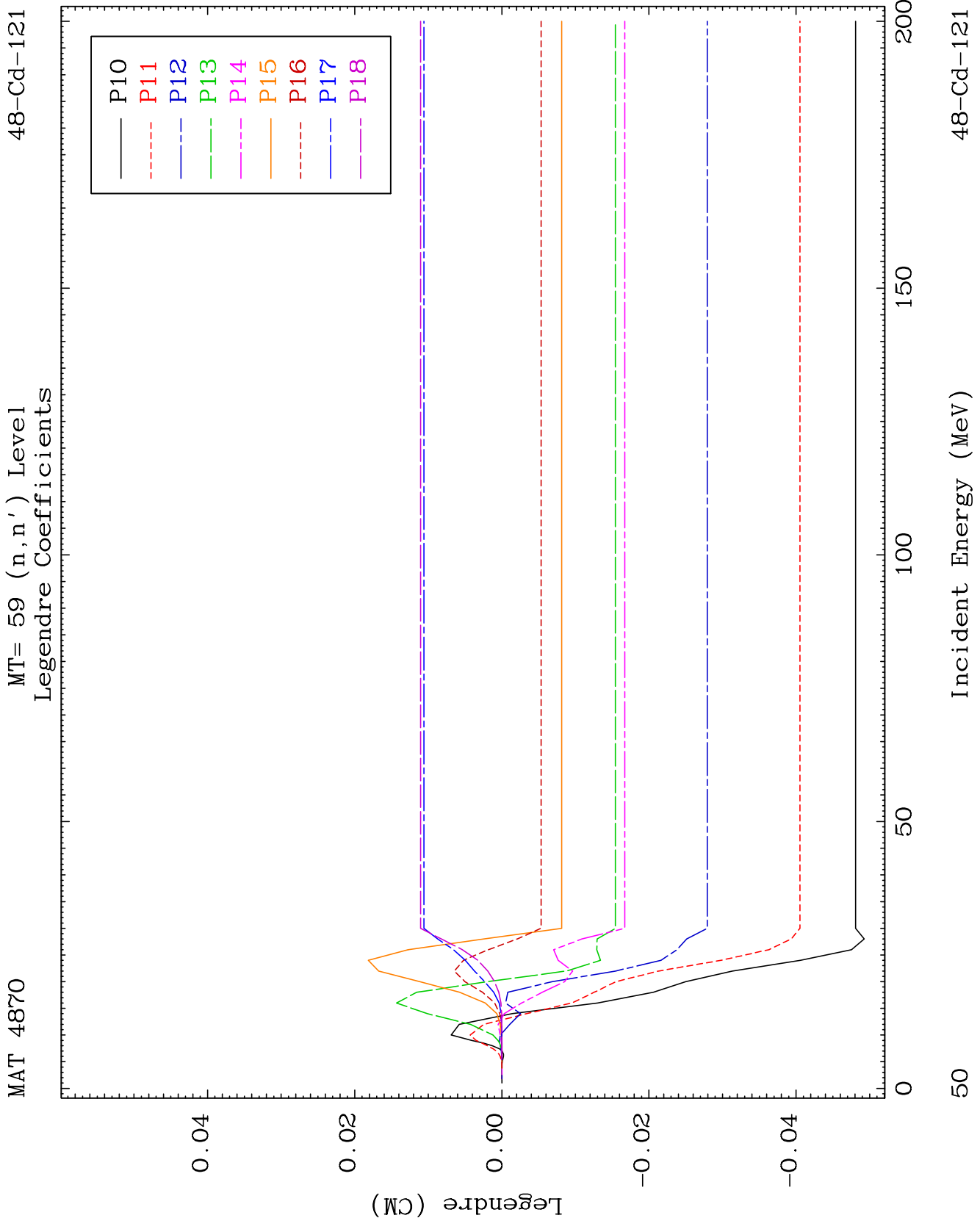
MAT 4870

MT= 58 (n,n') Level
Legendre Coefficients

48-Cd-121



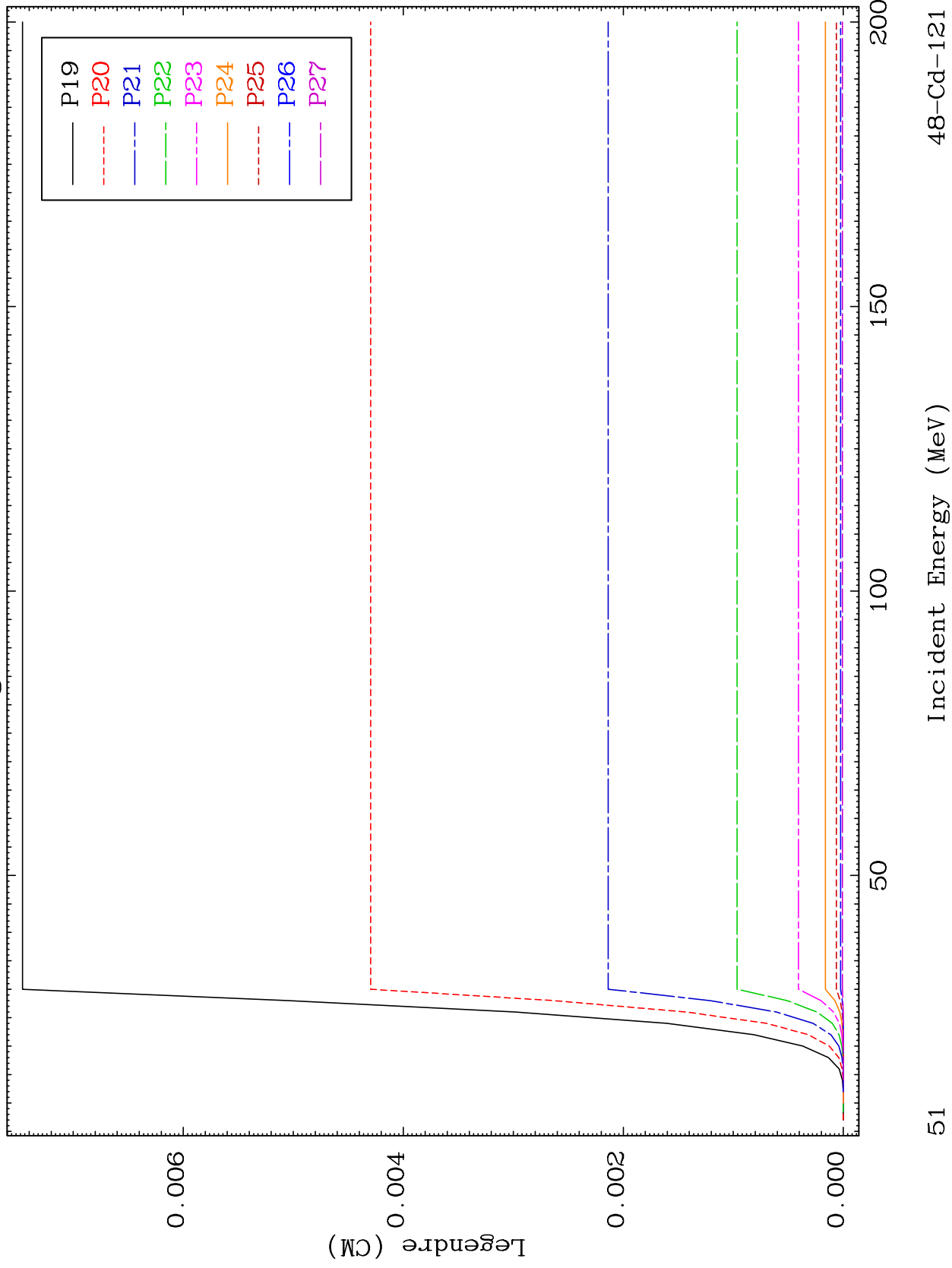




MAT 4870

MT= 59 (n,n') Level
Legendre Coefficients

48-Cd-121



51

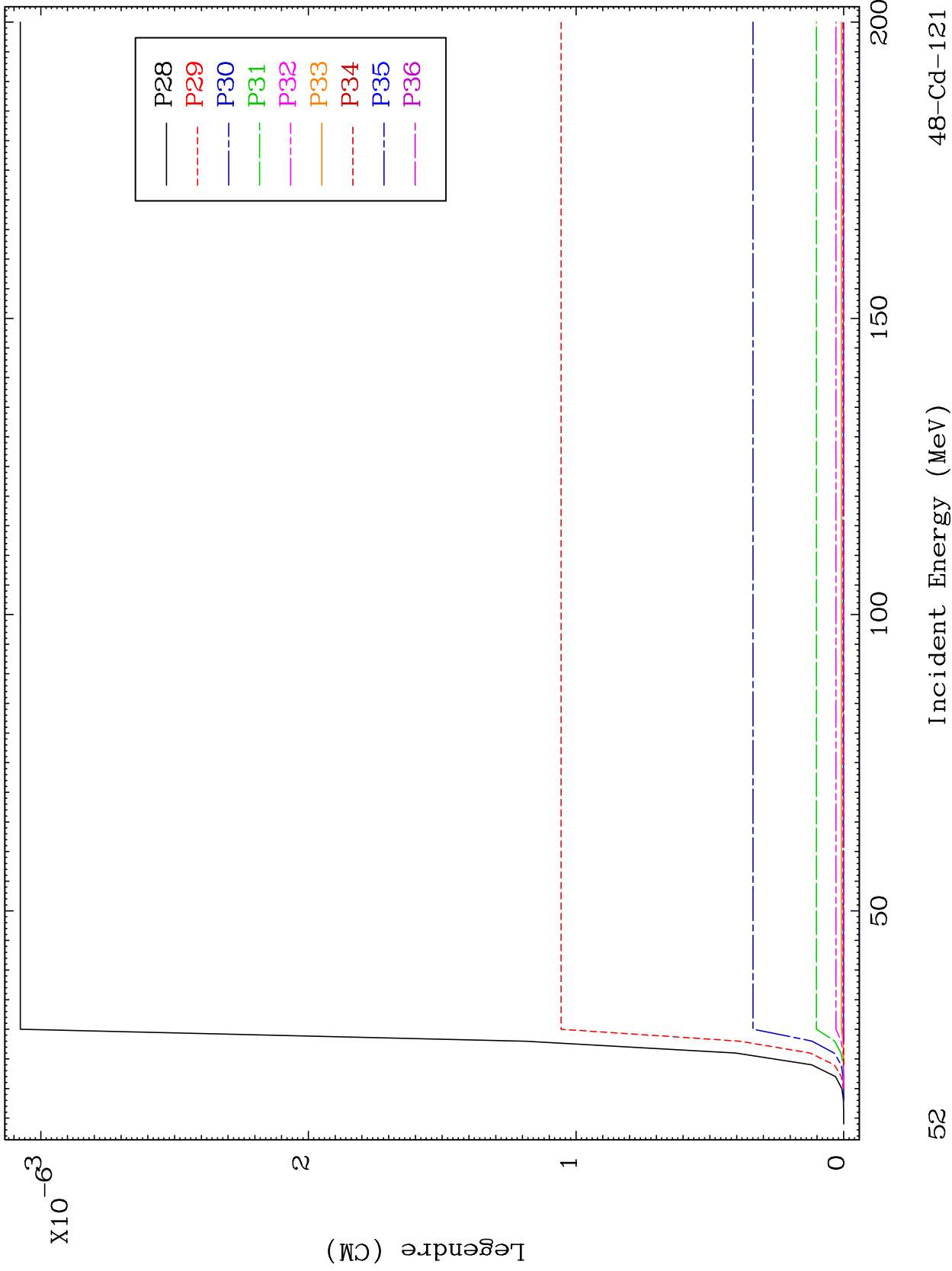
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 59 (n,n') Level
Legendre Coefficients

48-Cd-121



52

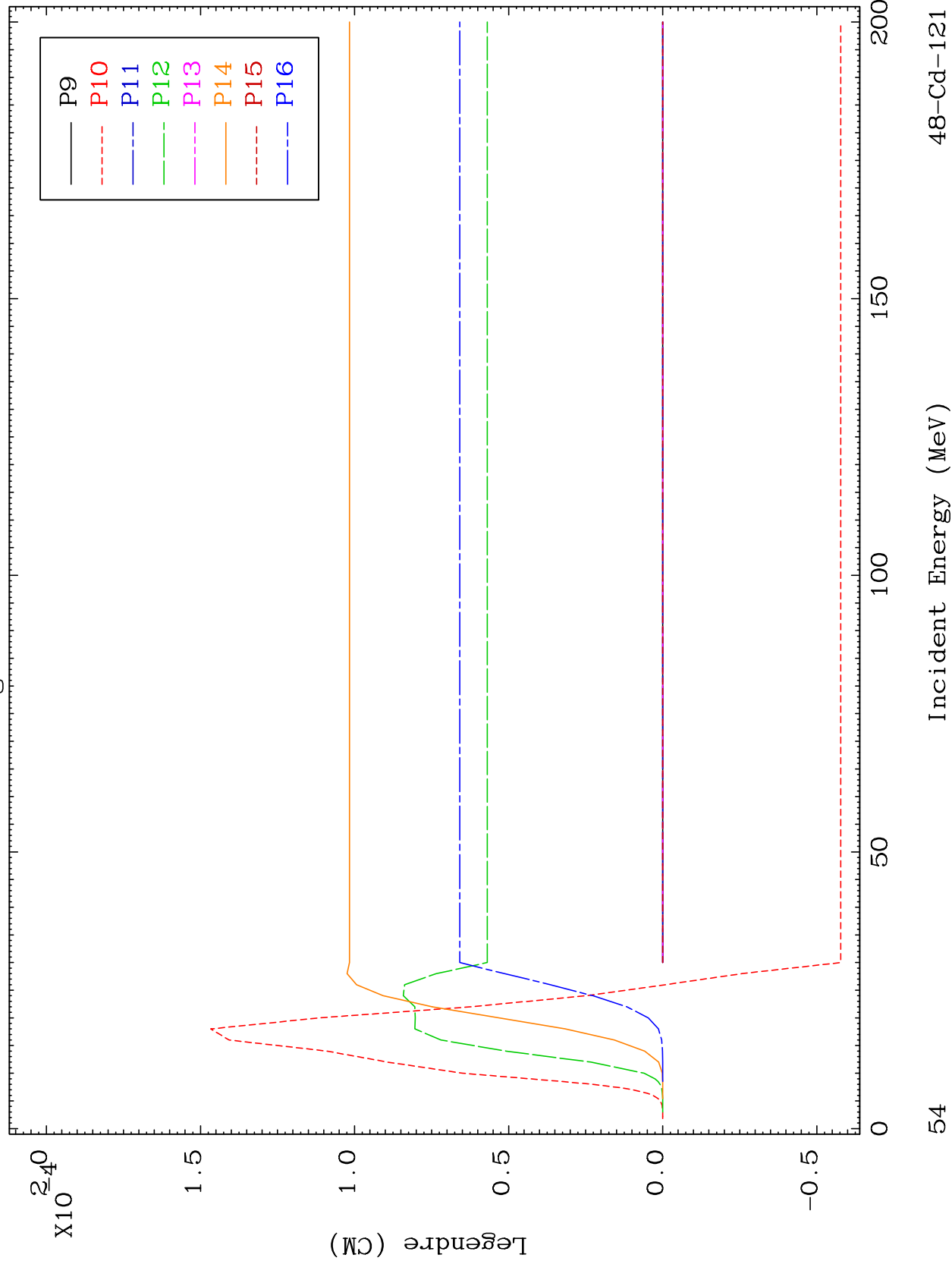
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 60 (n,n') Level
Legendre Coefficients

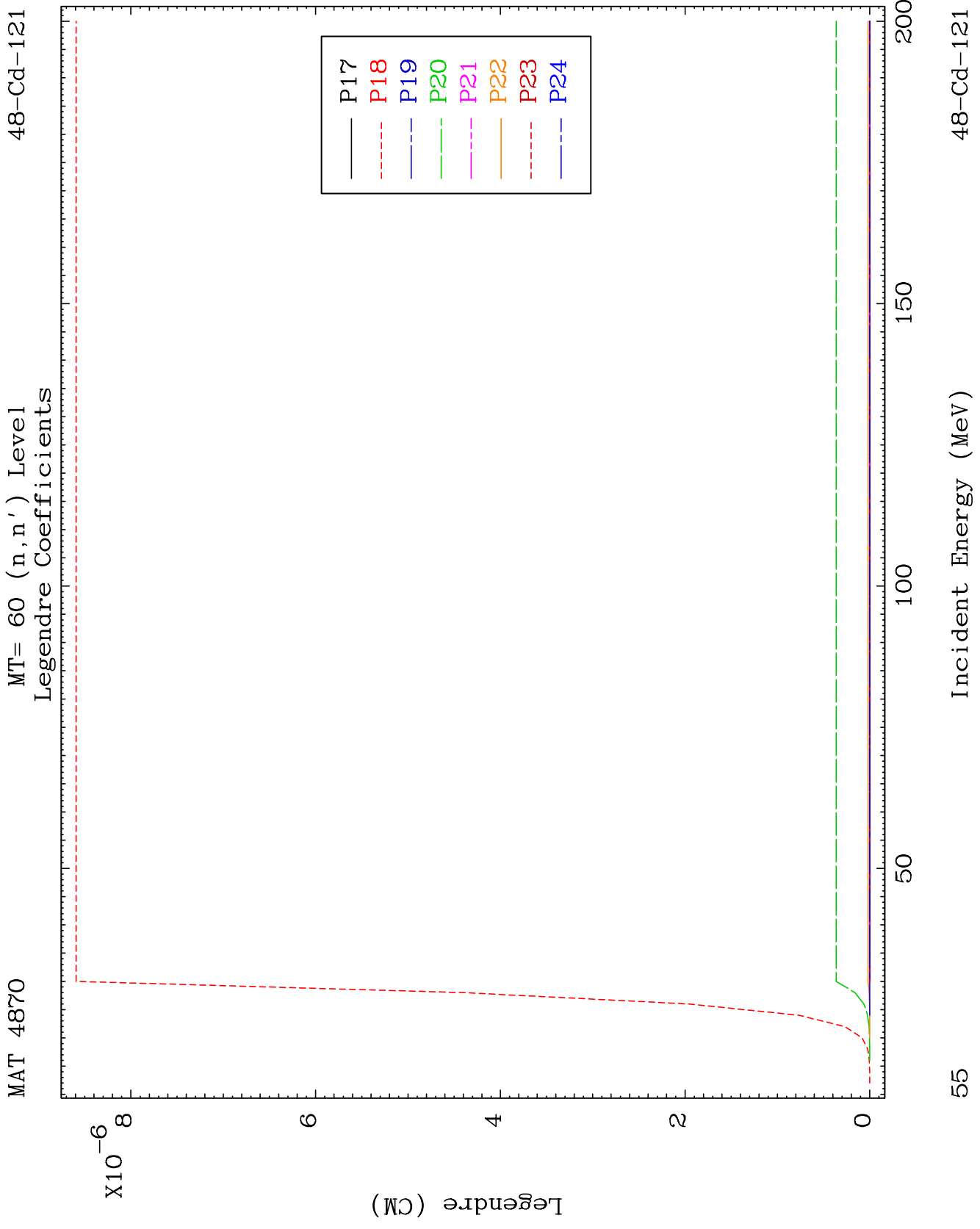
48-Cd-121



54

Incident Energy (MeV)

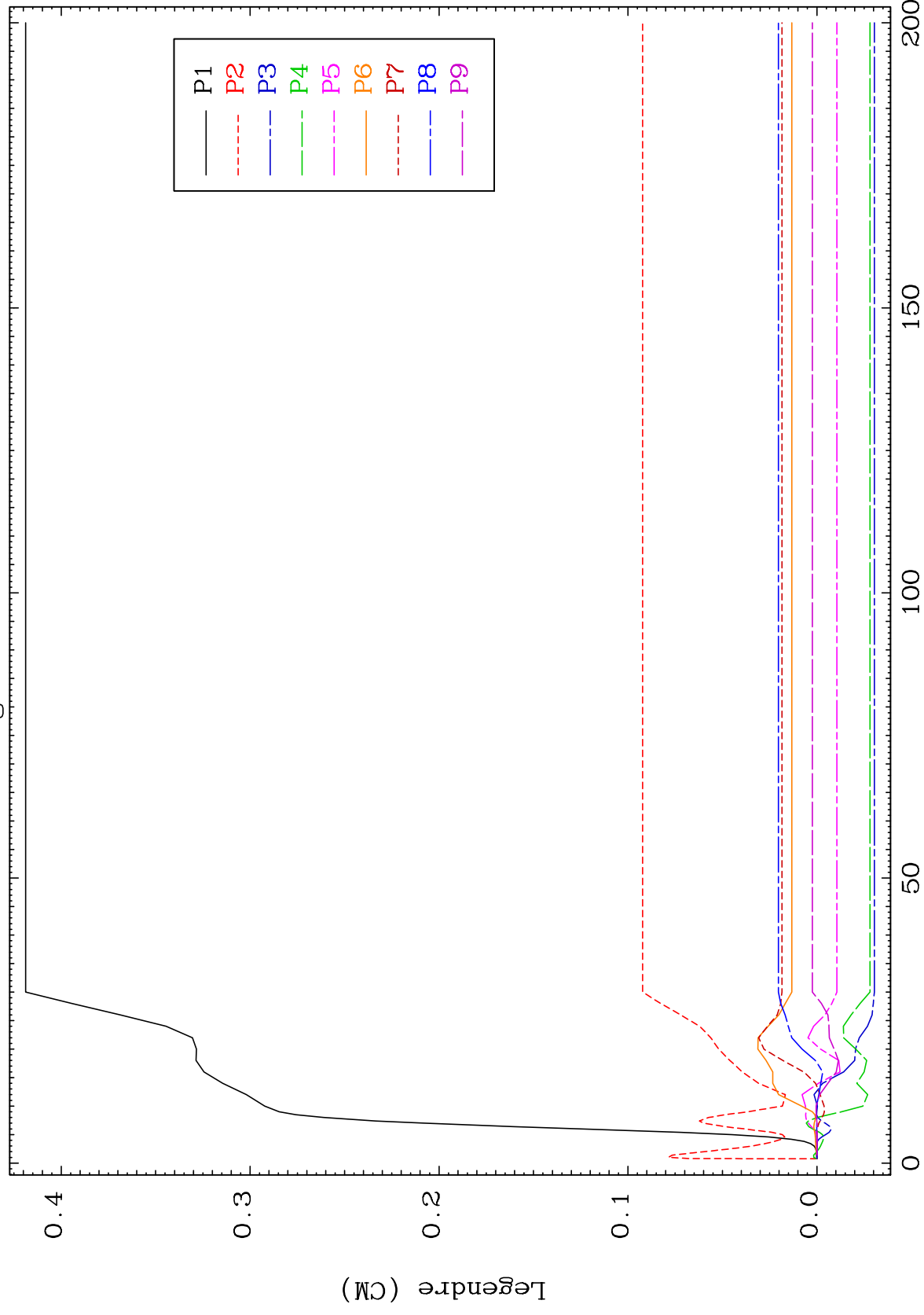
48-Cd-121



MAT 4870

MT= 61 (n,n') Level
Legendre Coefficients

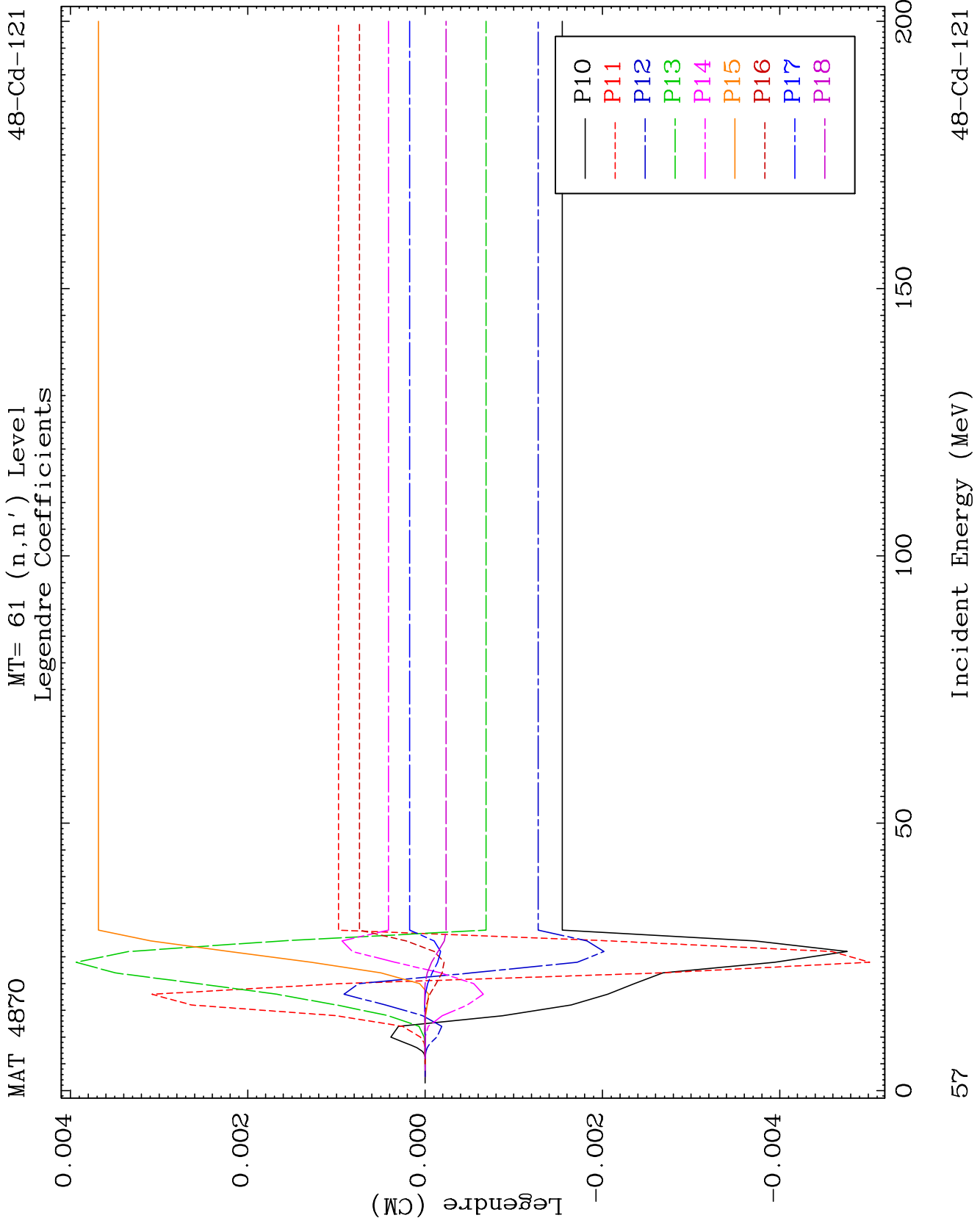
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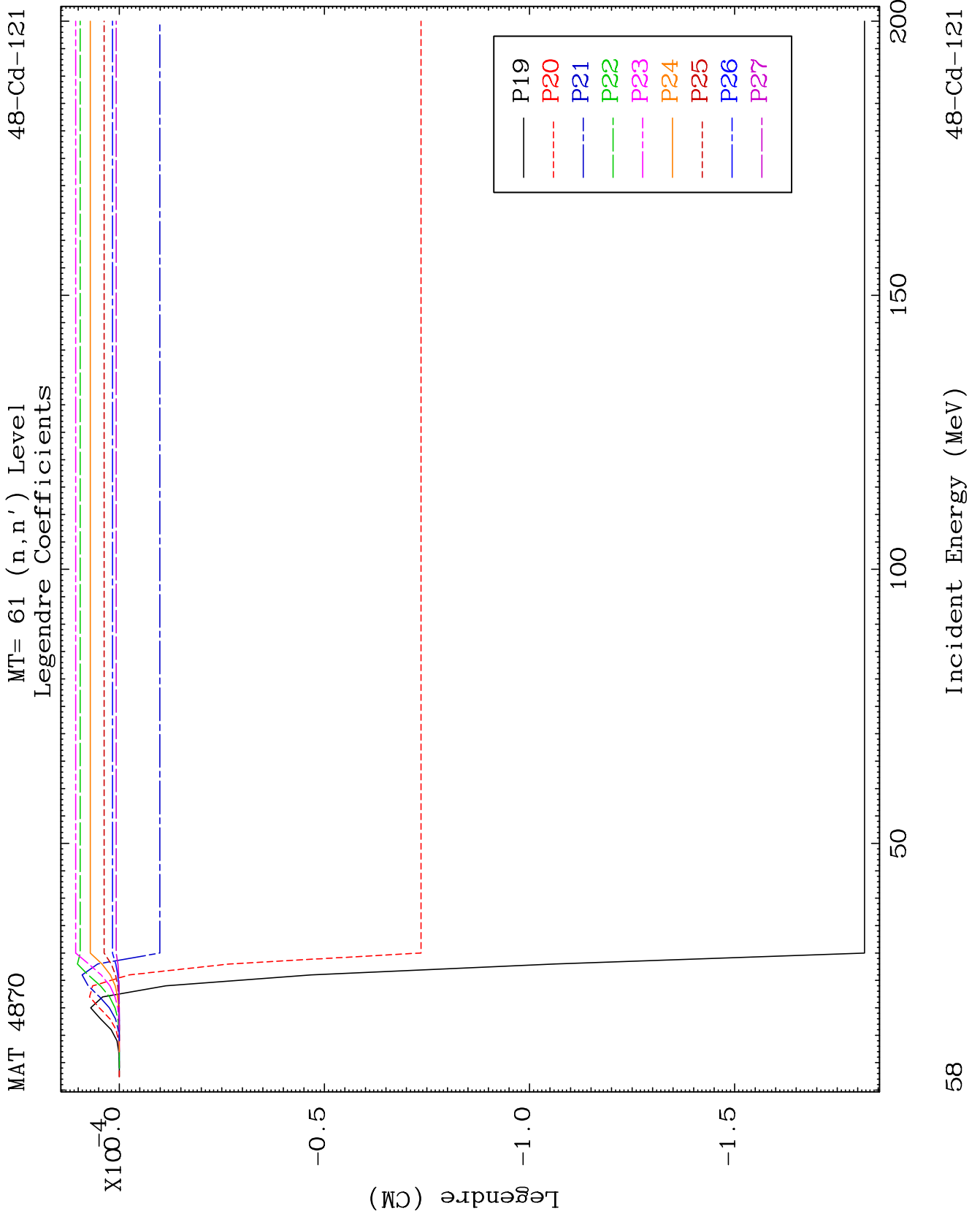


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Incident Energy (MeV)

48-Cd-121

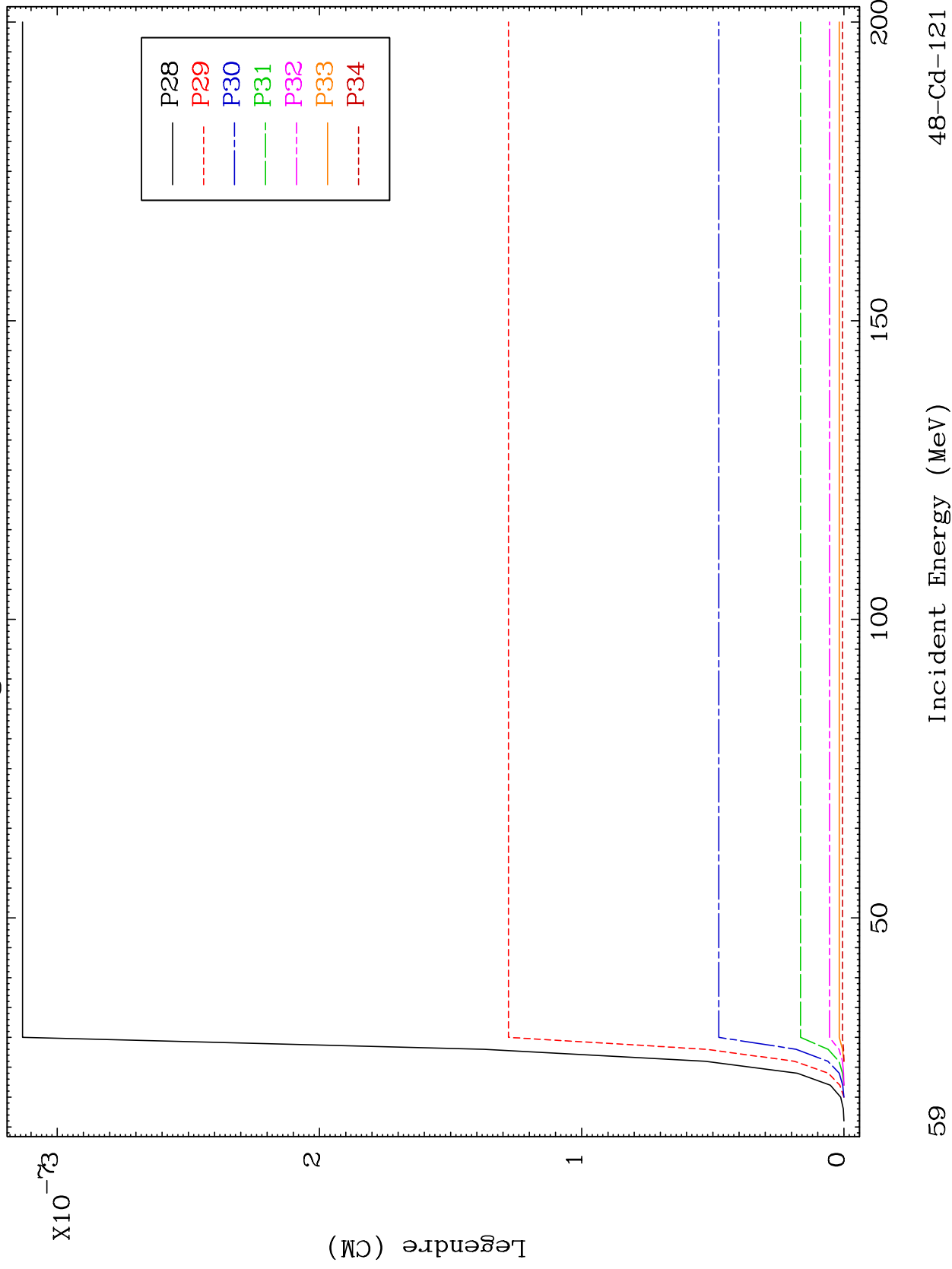




MAT 4870

MT= 61 (n,n') Level
Legendre Coefficients

48-Cd-121



59

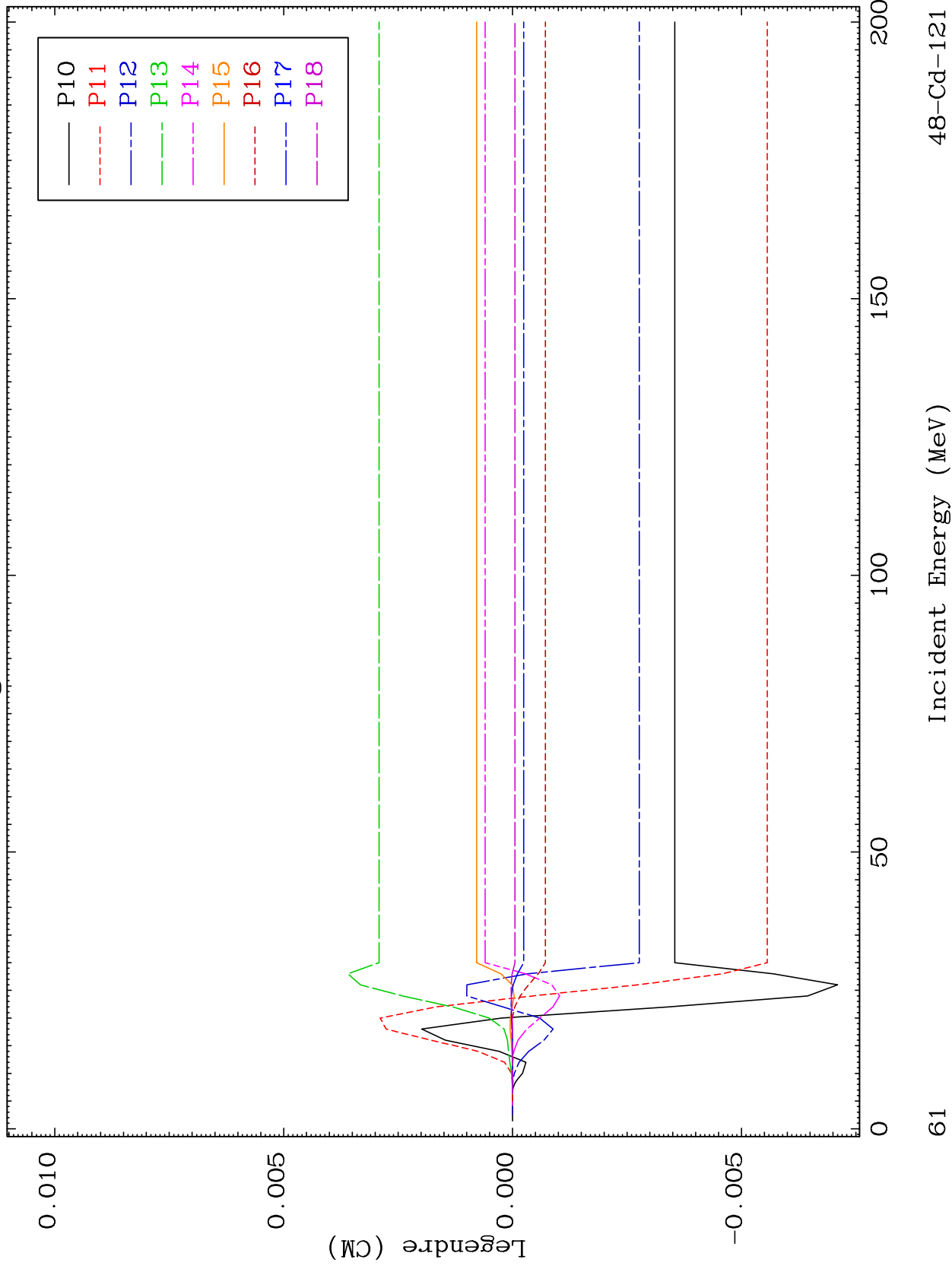
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 62 (n,n') Level
Legendre Coefficients

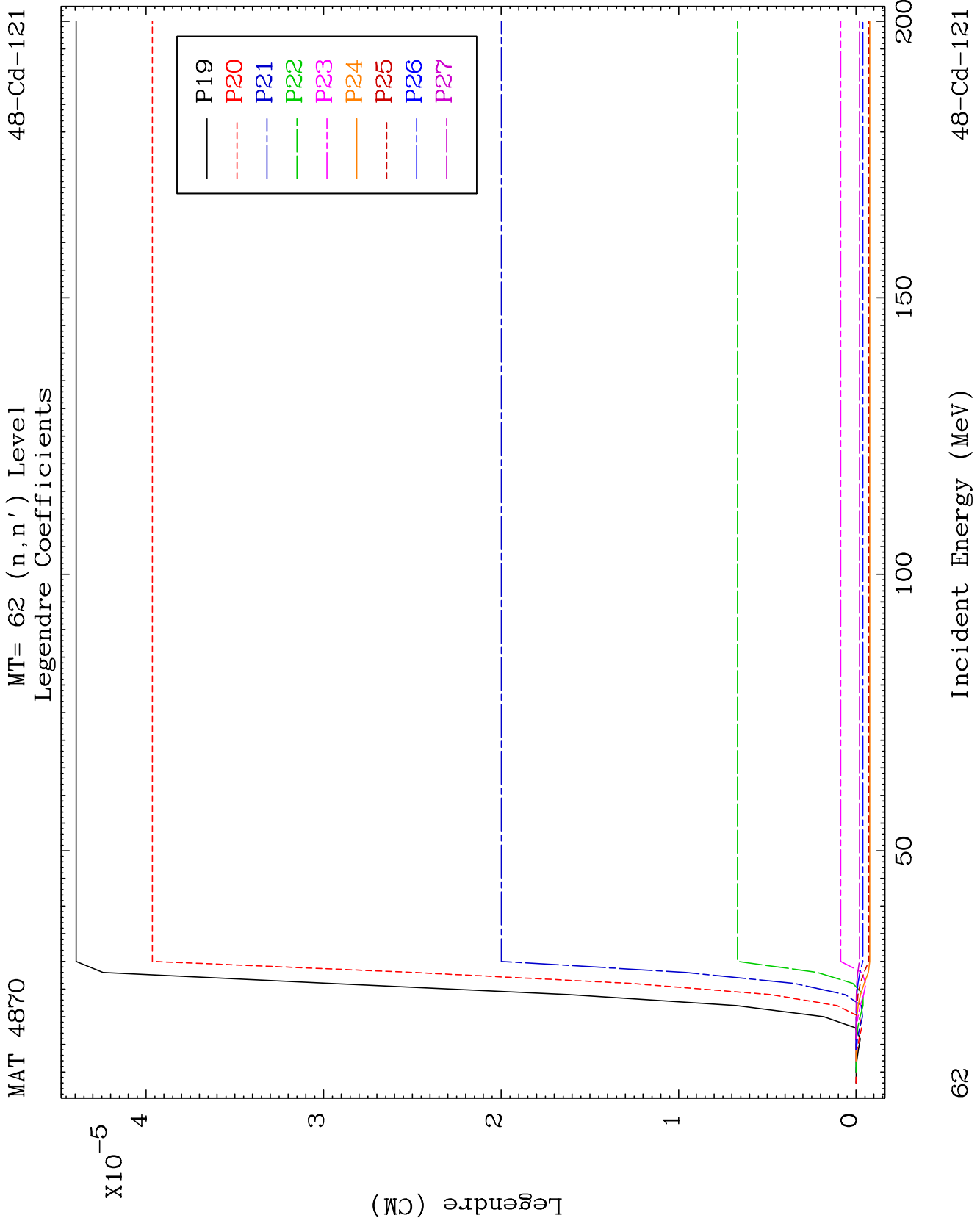
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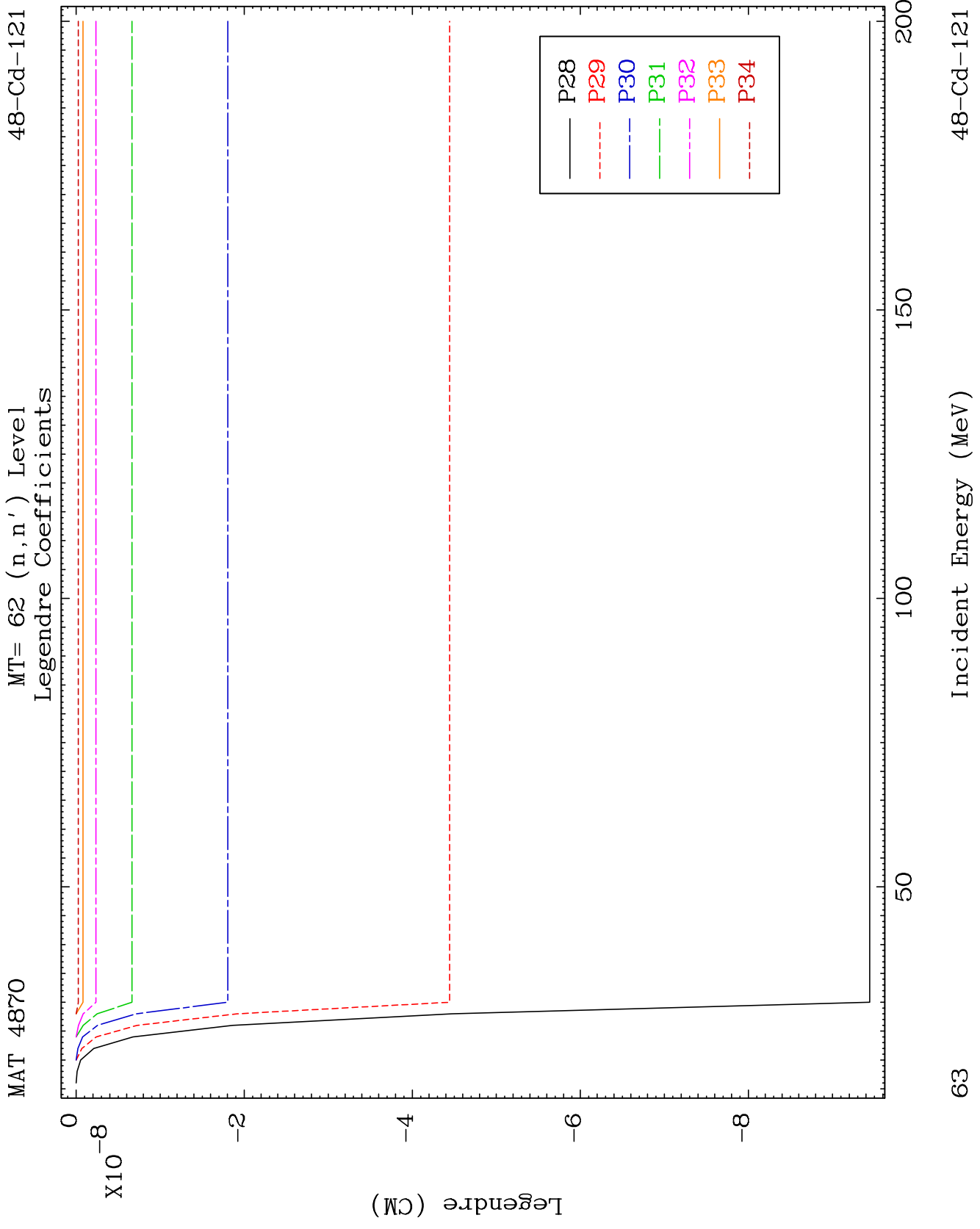


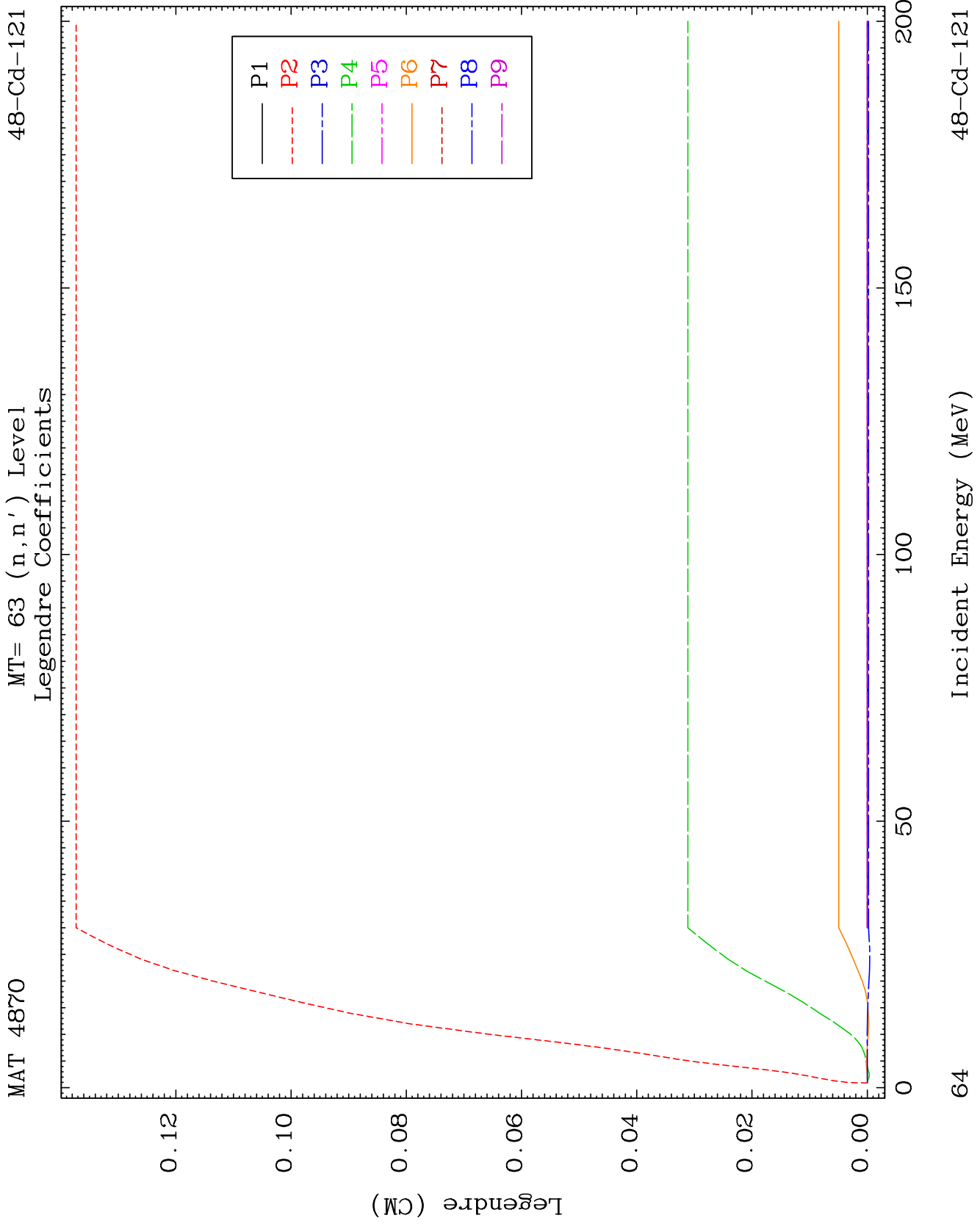
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Incident Energy (MeV)

48-Cd-121



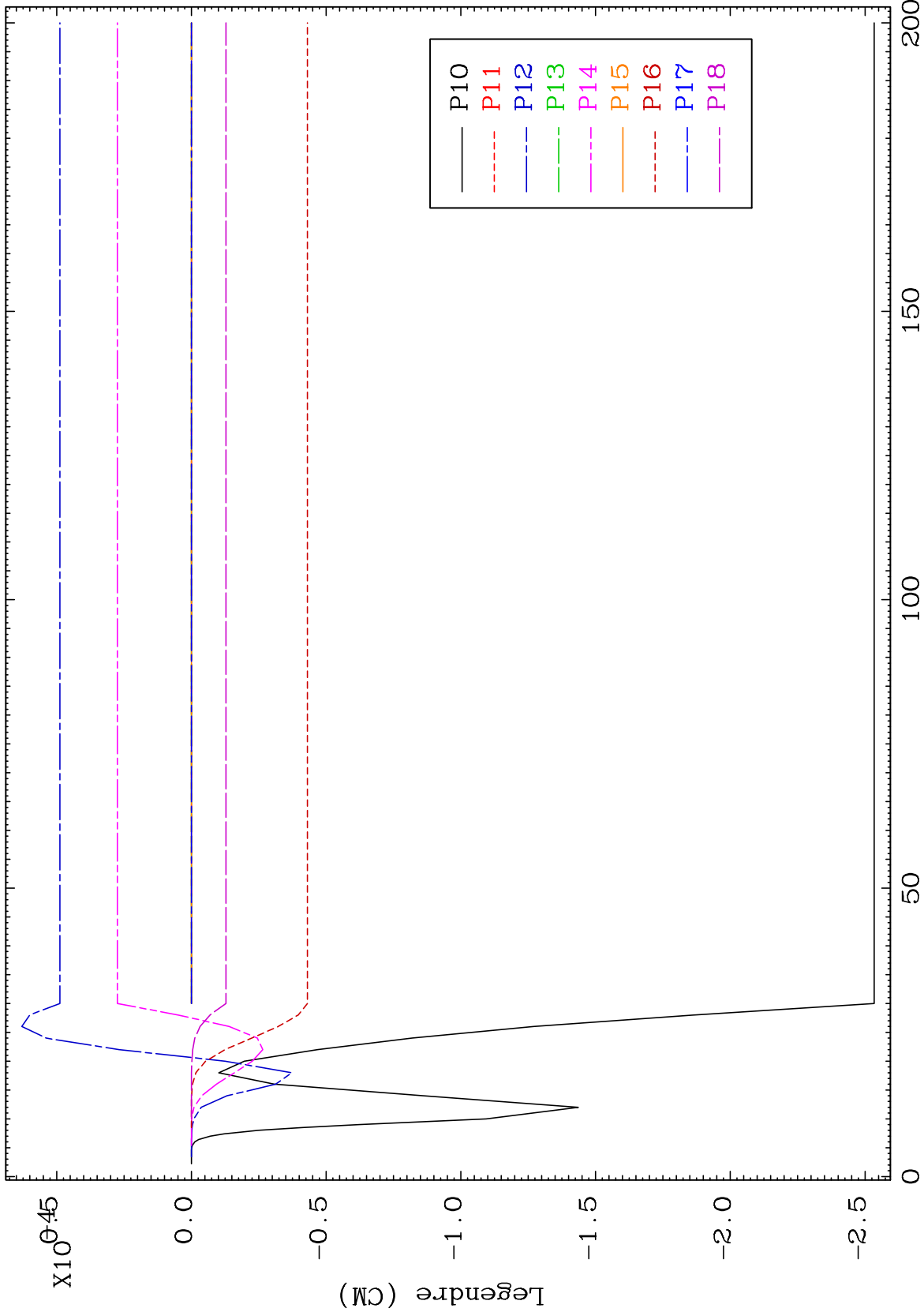




MAT 4870

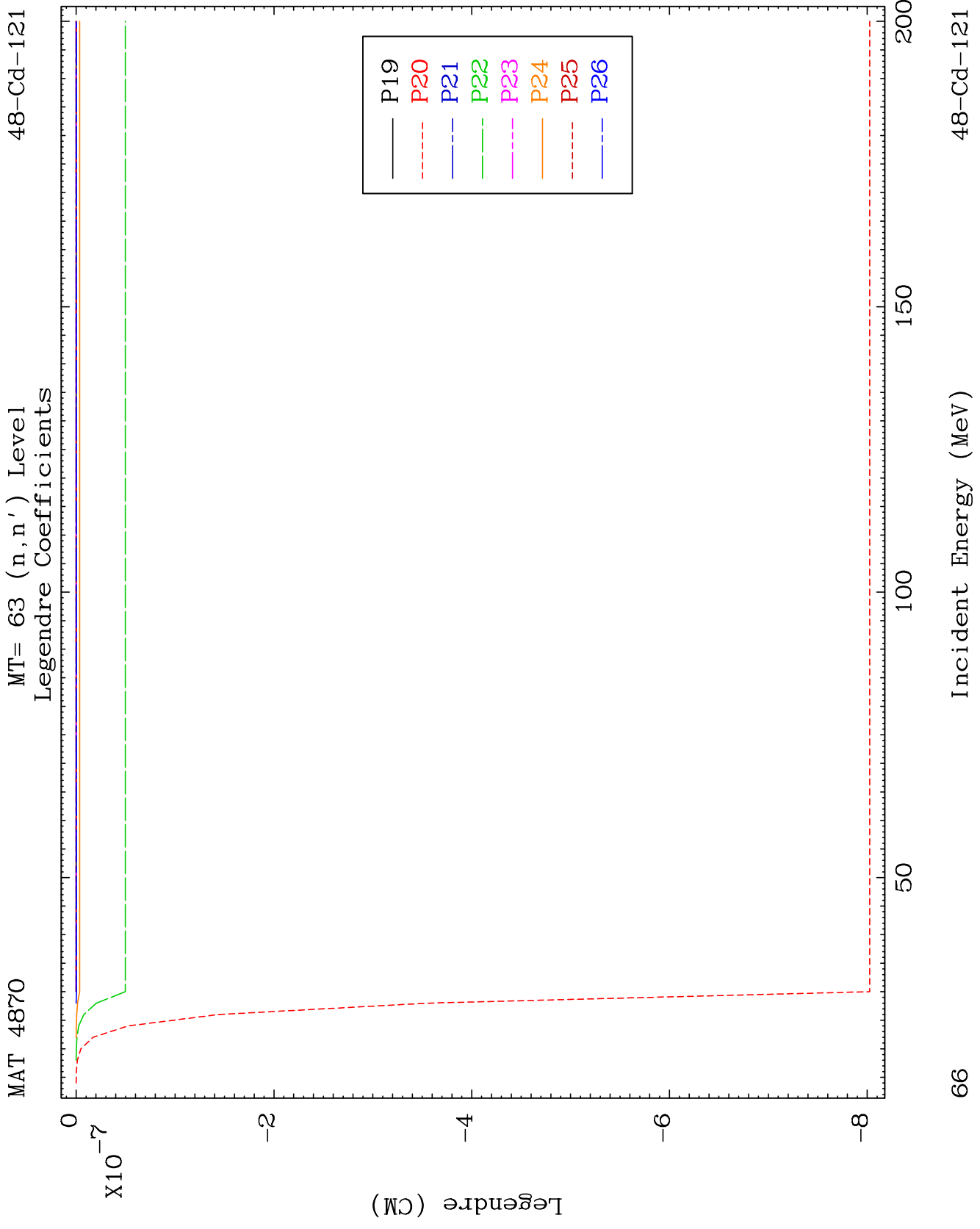
MT= 63 (n,n') Level
Legendre Coefficients

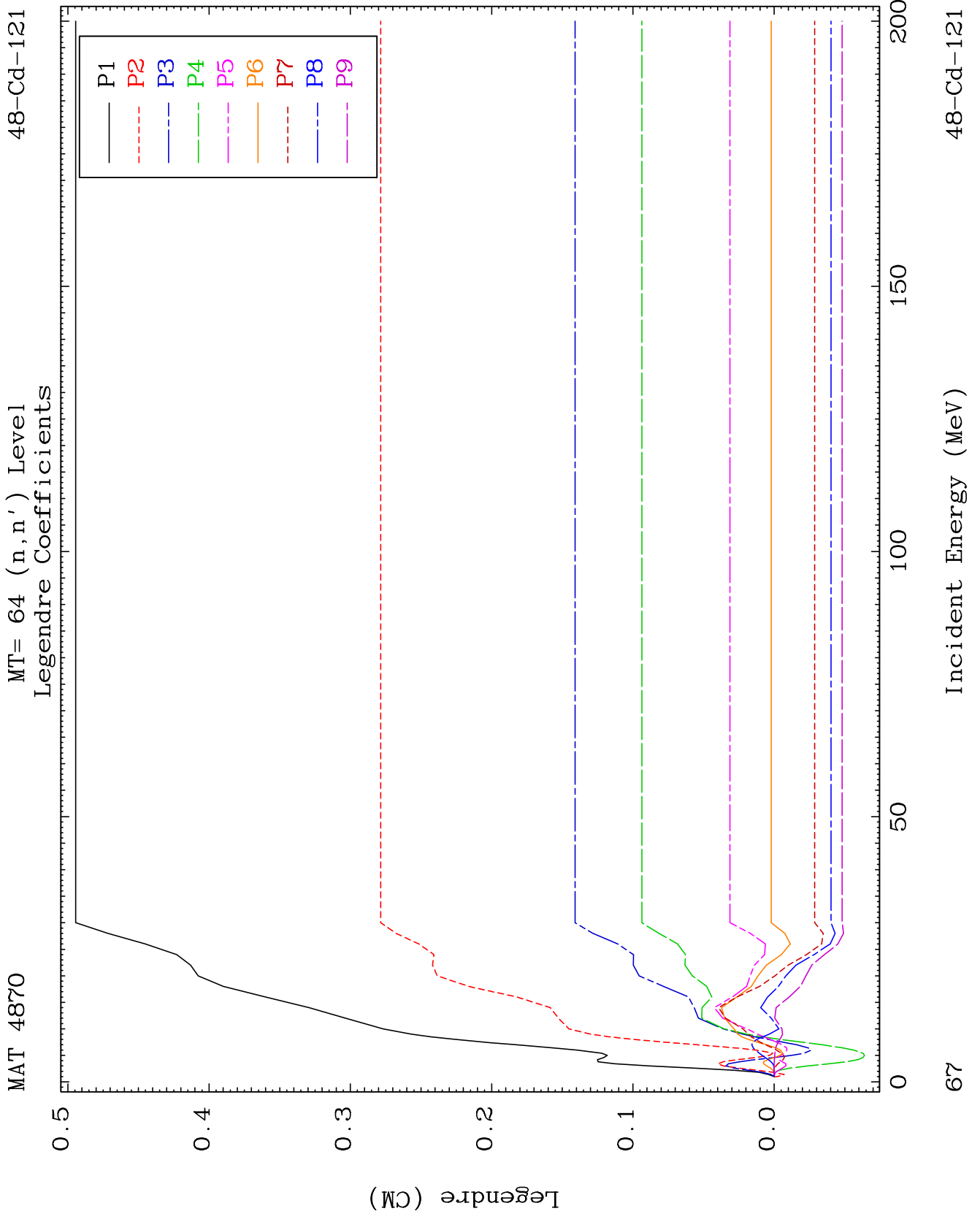
48-Cd-121



65

48-Cd-121

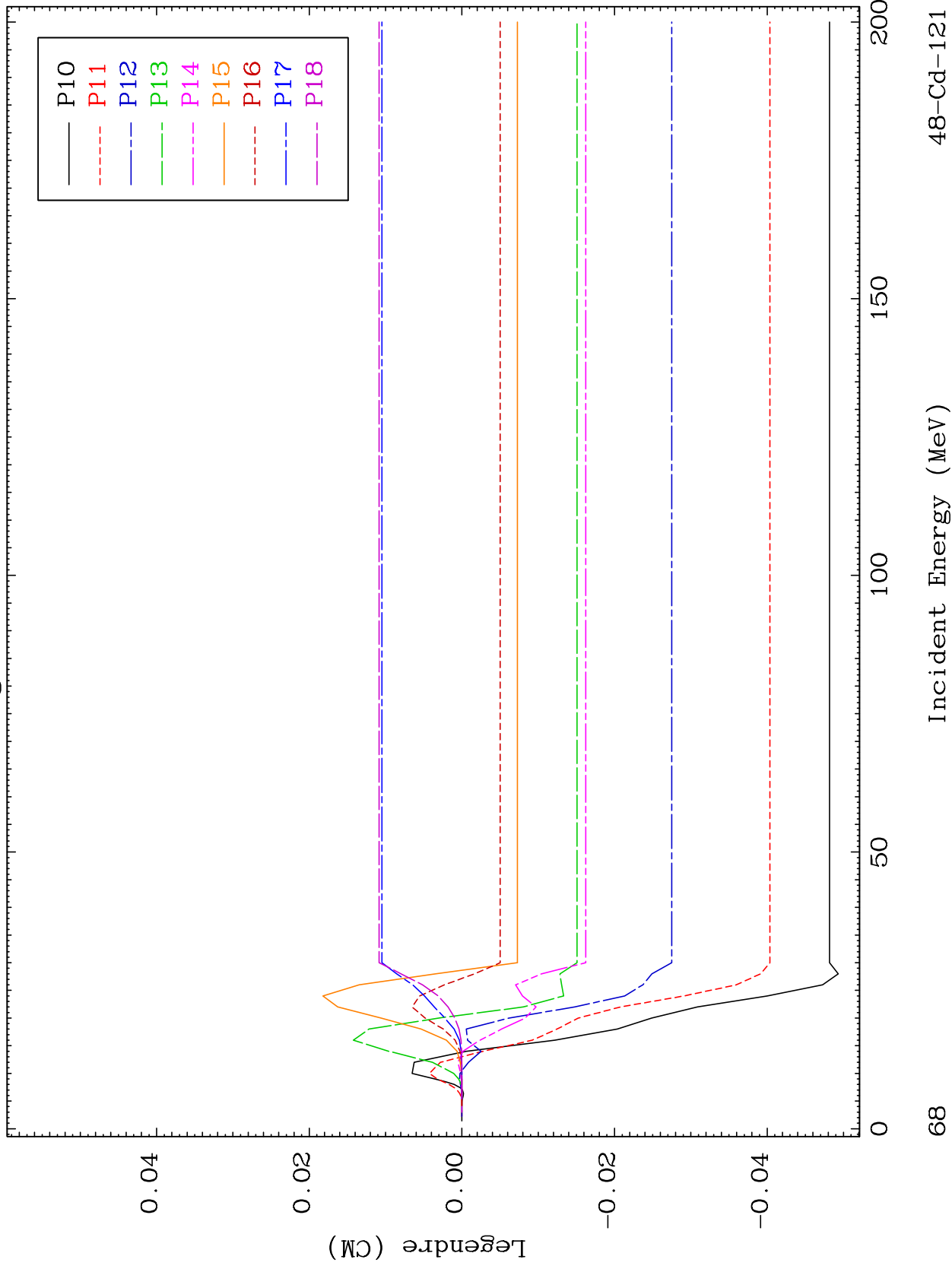




MAT 4870

MT= 64 (n,n') Level
Legendre Coefficients

48-Cd-121



48-Cd-121

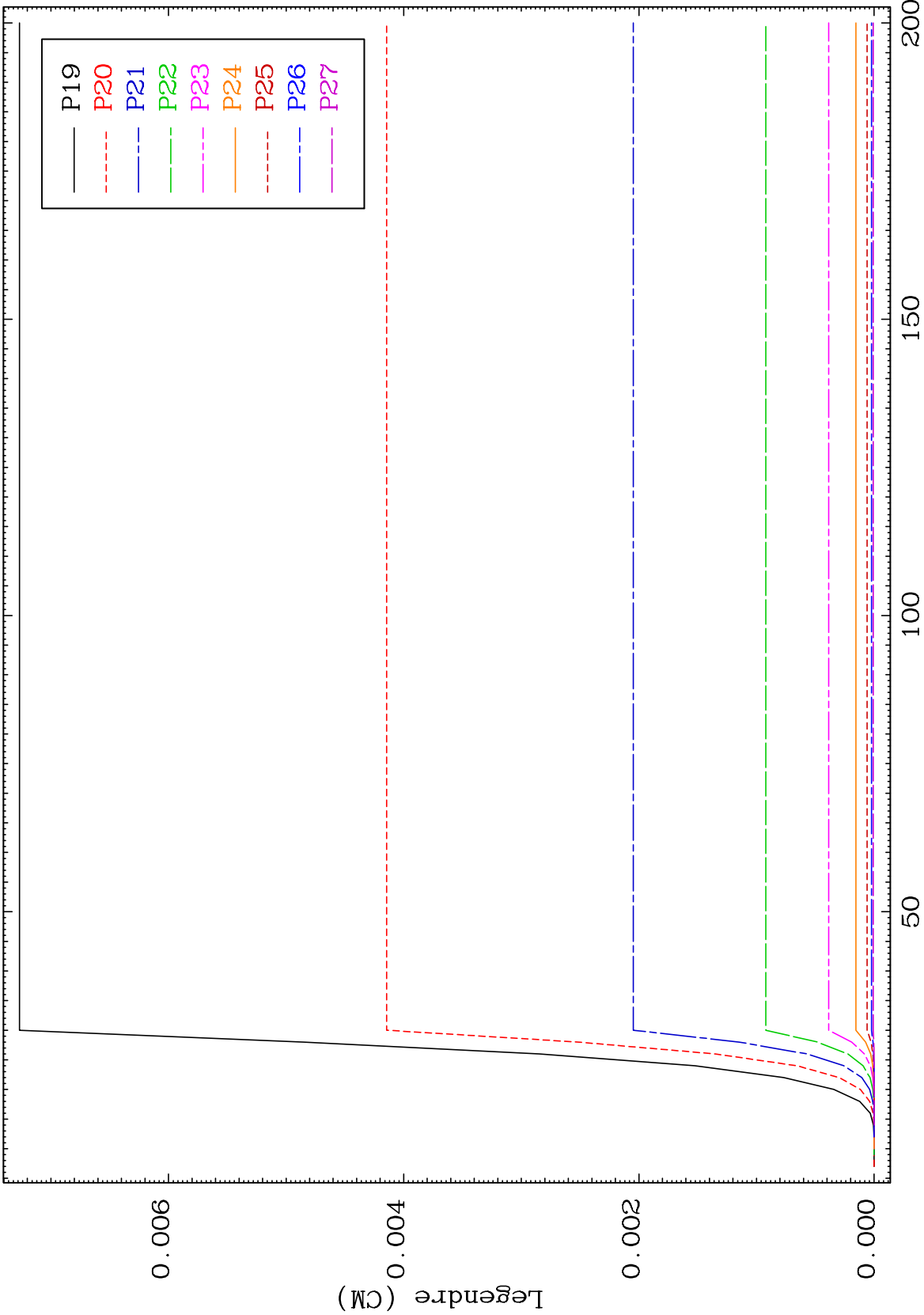
Incident Energy (MeV)

68

MAT 4870

MT= 64 (n,n') Level
Legendre Coefficients

48-Cd-121



69

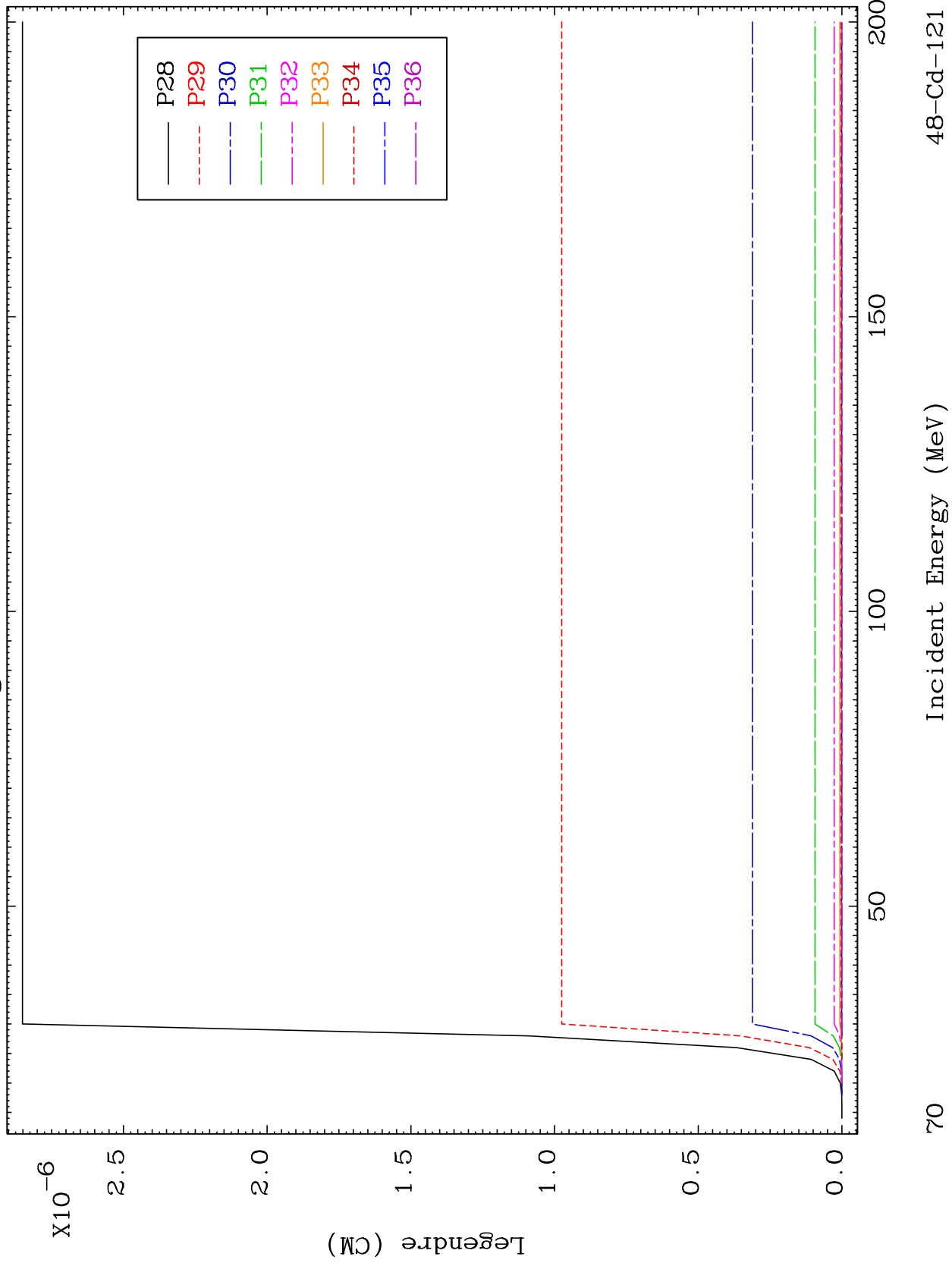
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 64 (n,n') Level
Legendre Coefficients

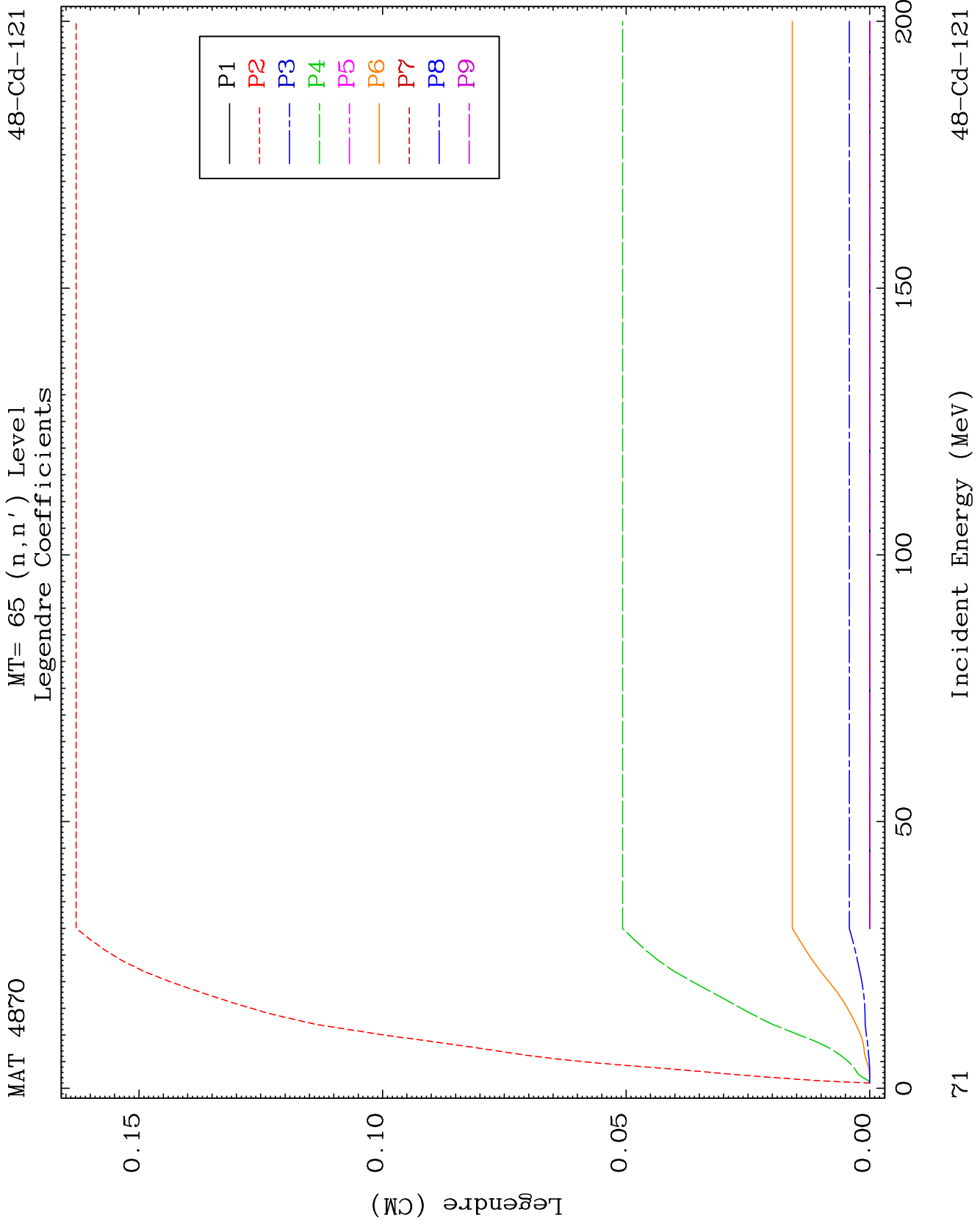
48-Cd-121



70

Incident Energy (MeV)

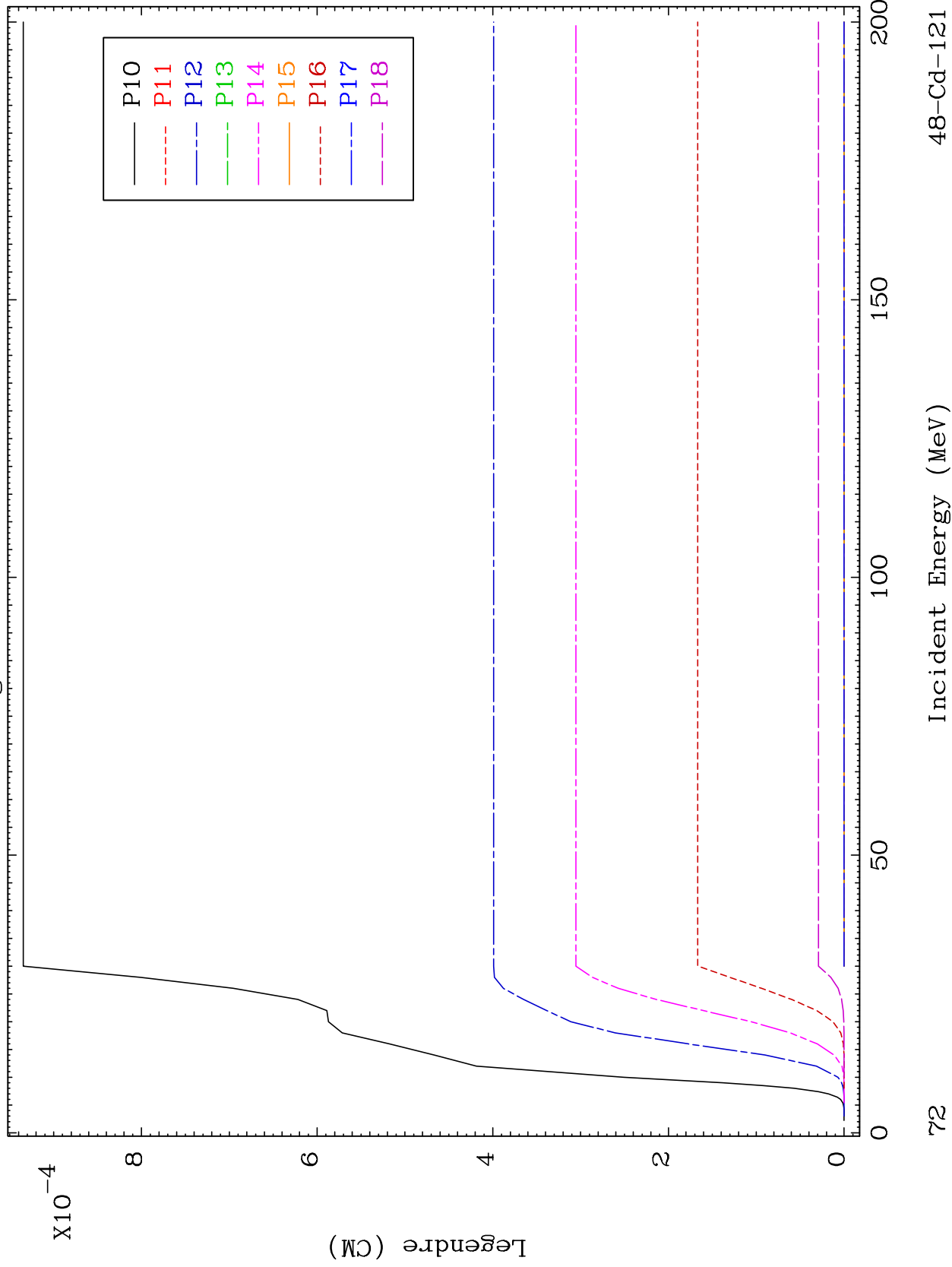
48-Cd-121



MAT 4870

MT= 65 (n,n') Level
Legendre Coefficients

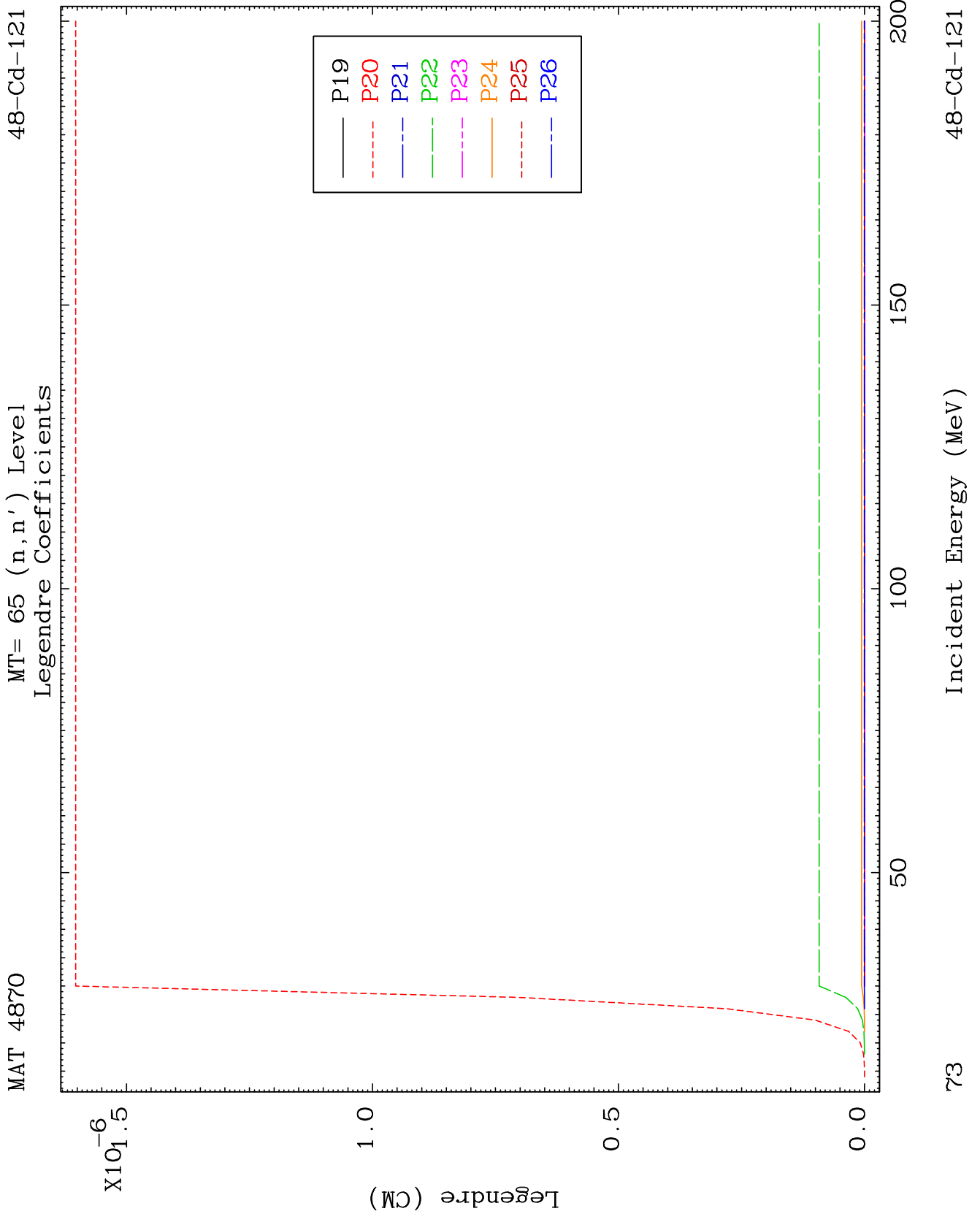
48-Cd-121

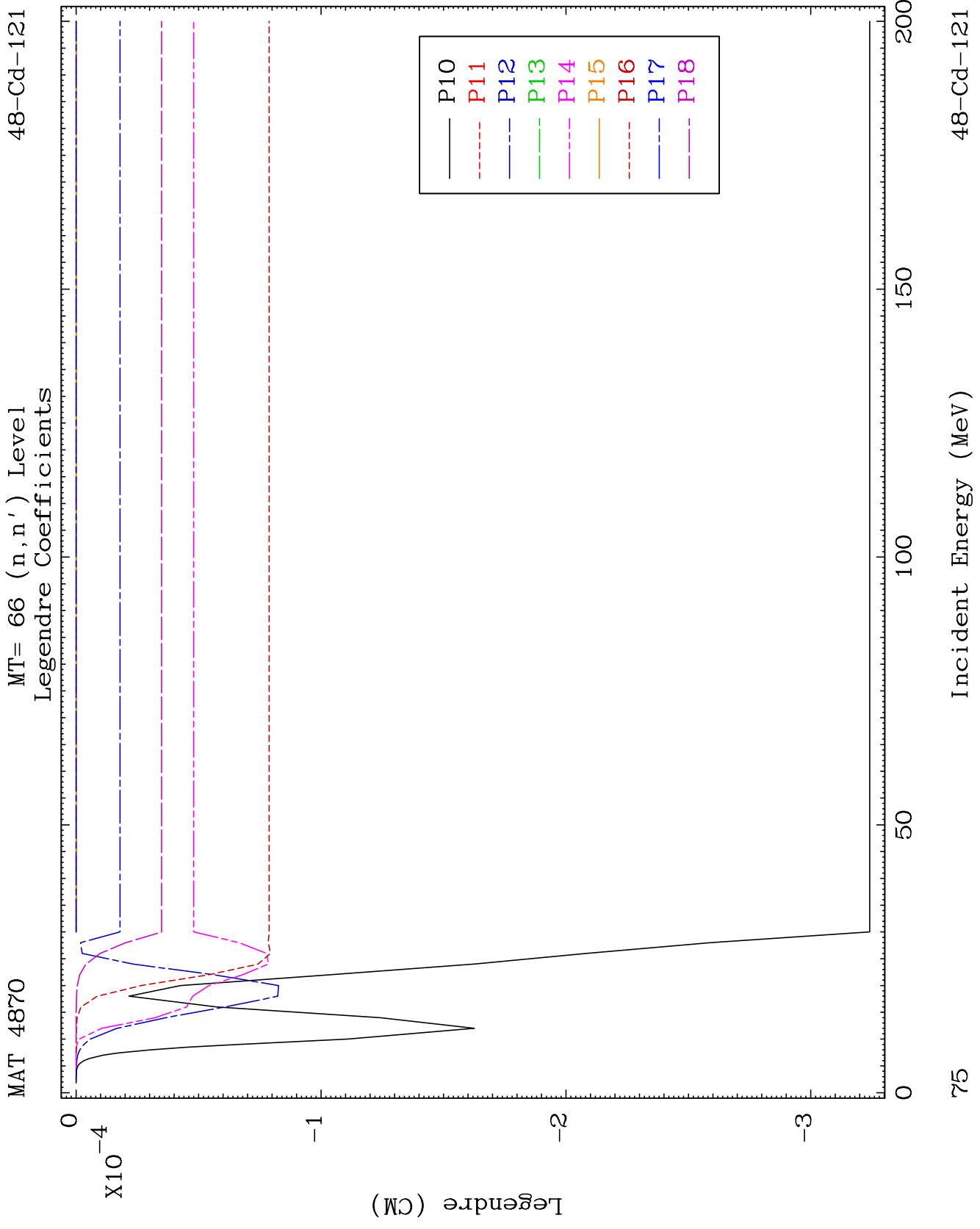


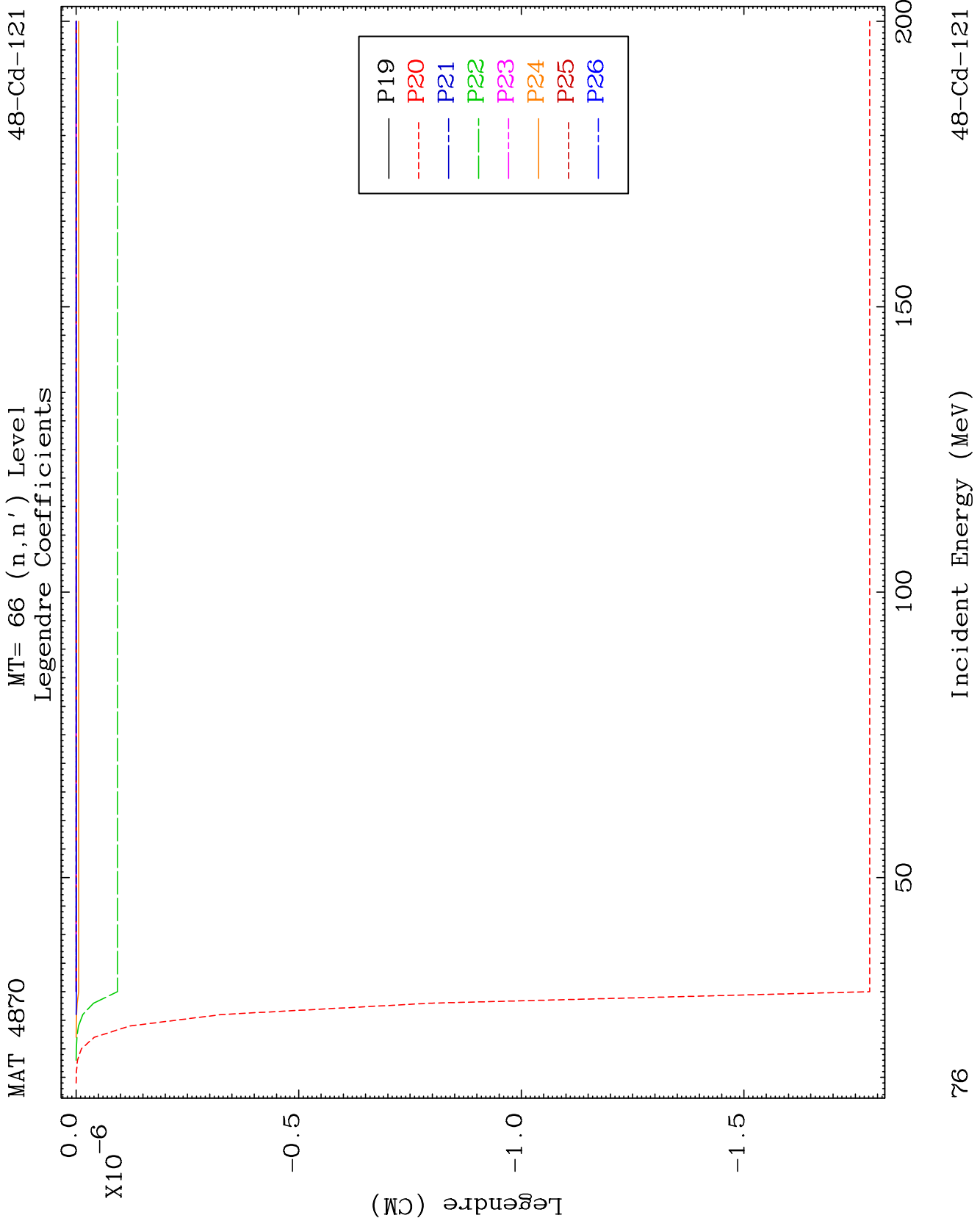
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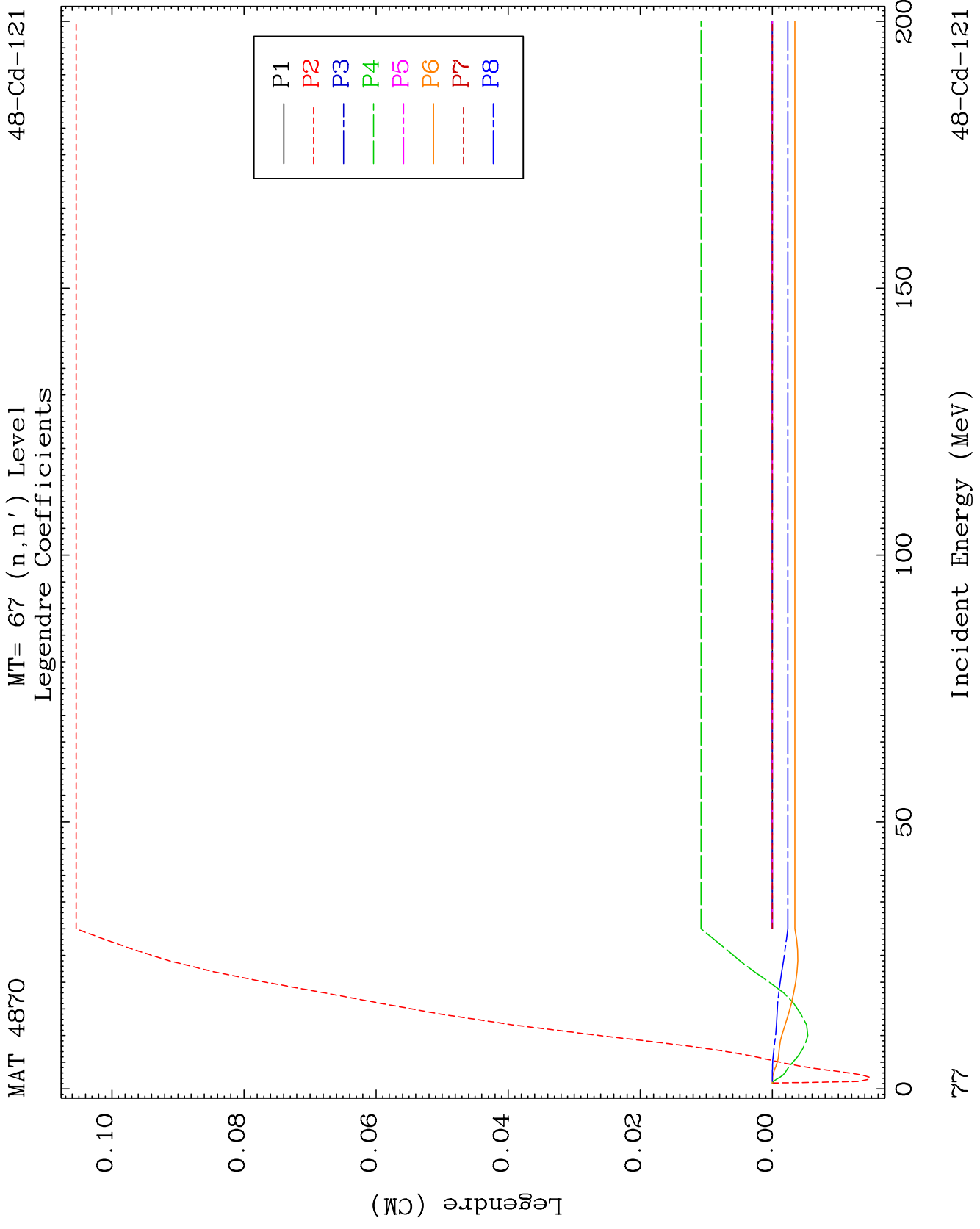
Incident Energy (MeV)

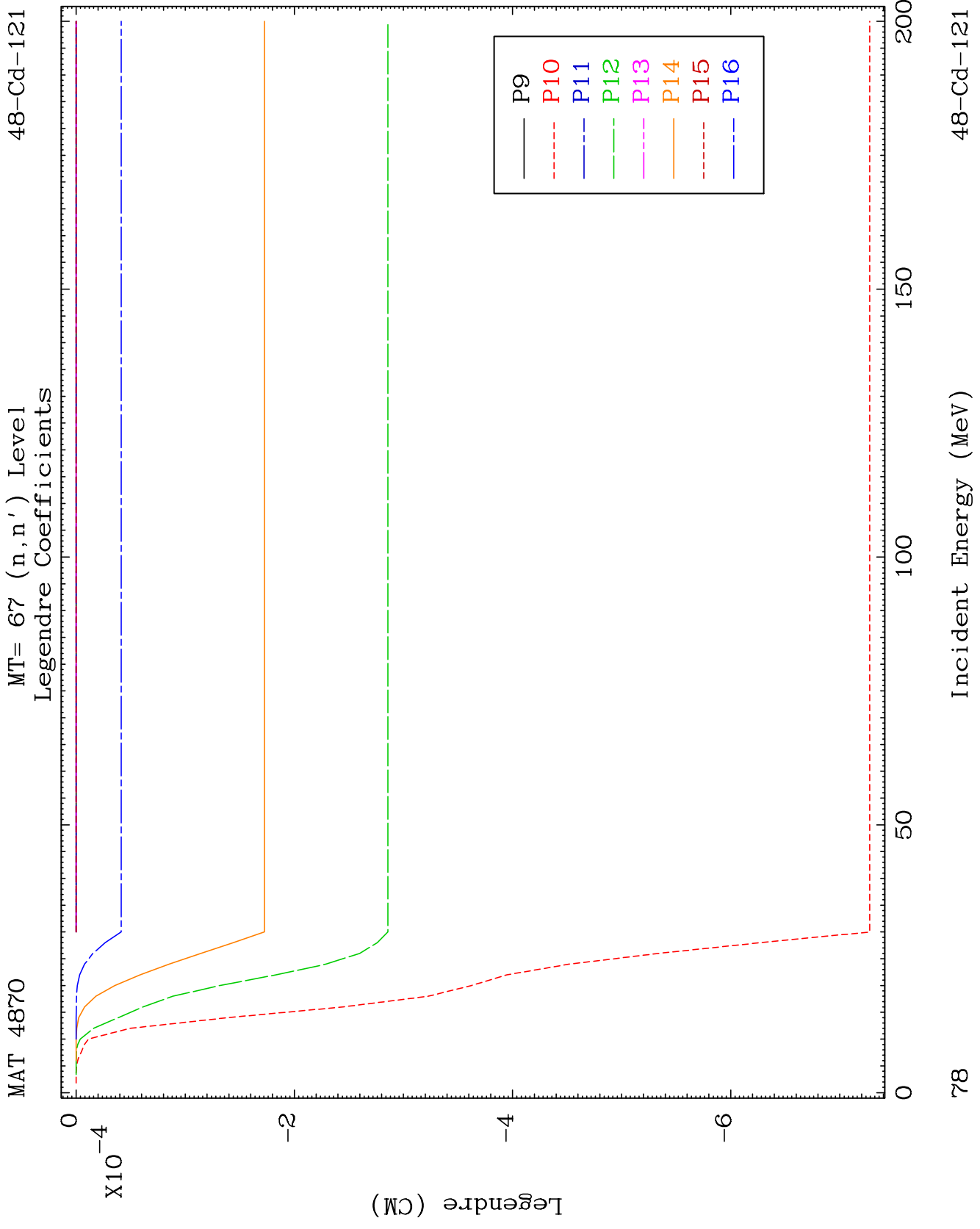
48-Cd-121

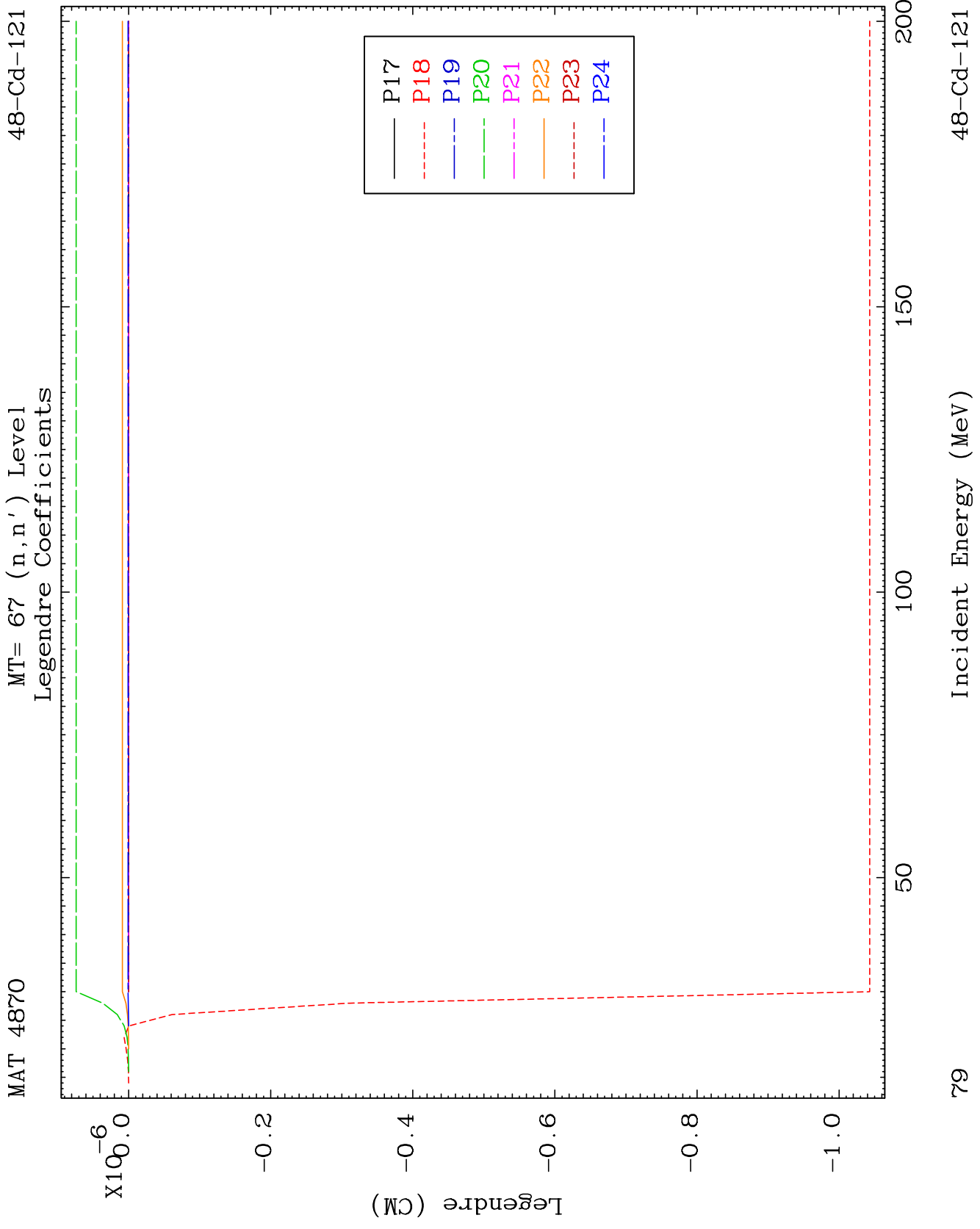








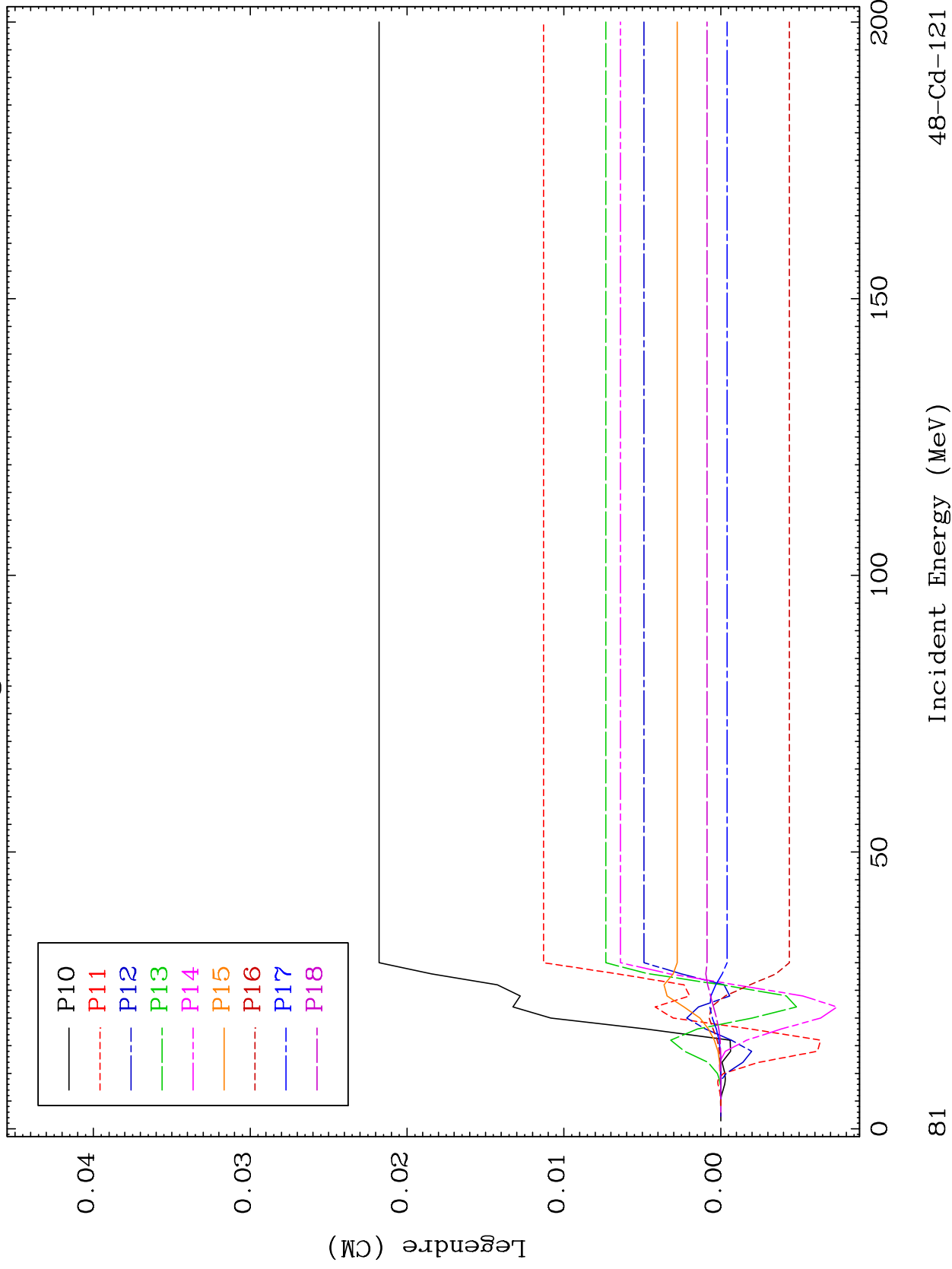




MAT 4870

MT= 68 (n,n') Level
Legendre Coefficients

48-Cd-121



81

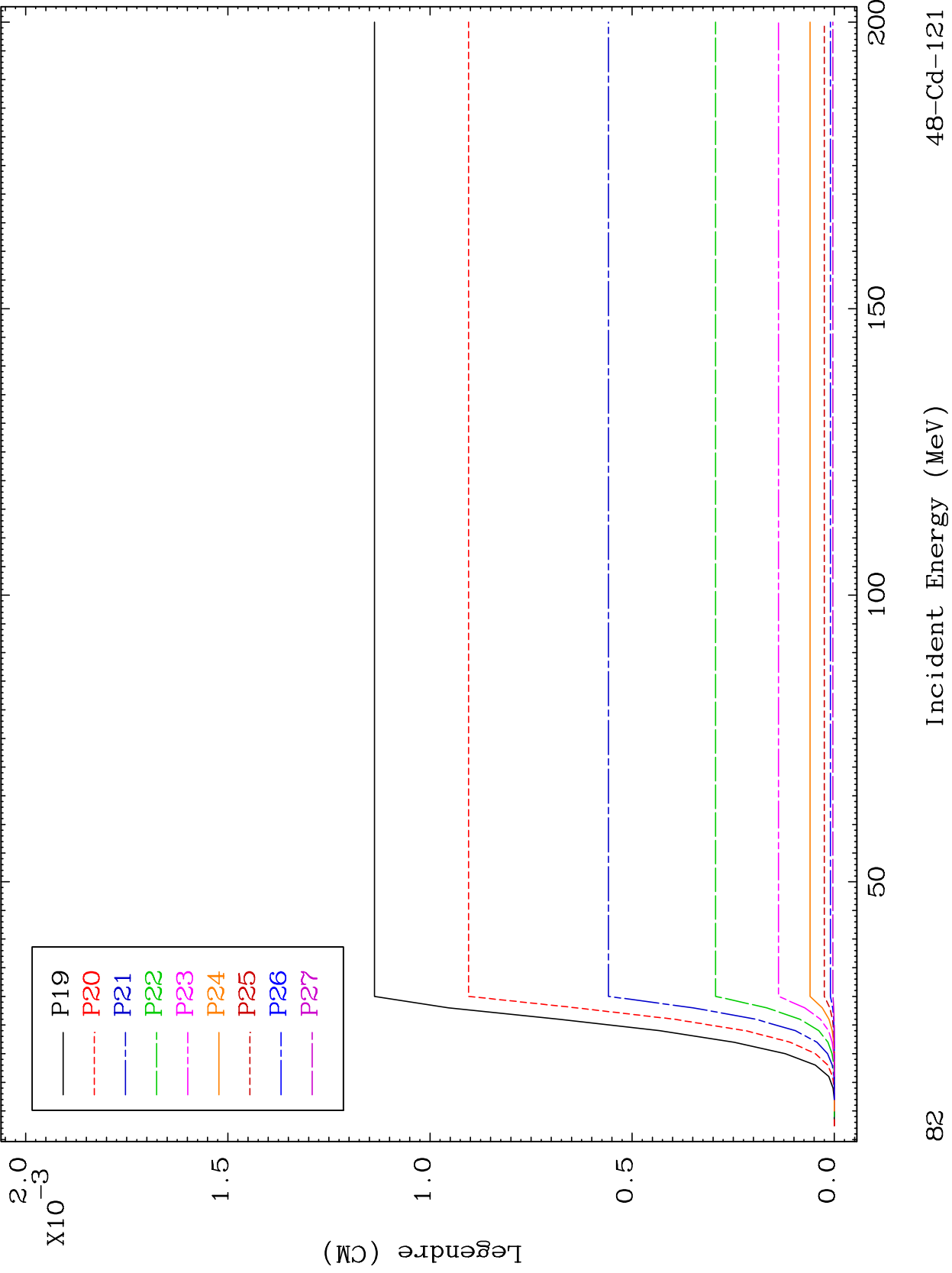
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 68 (n,n') Level
Legendre Coefficients

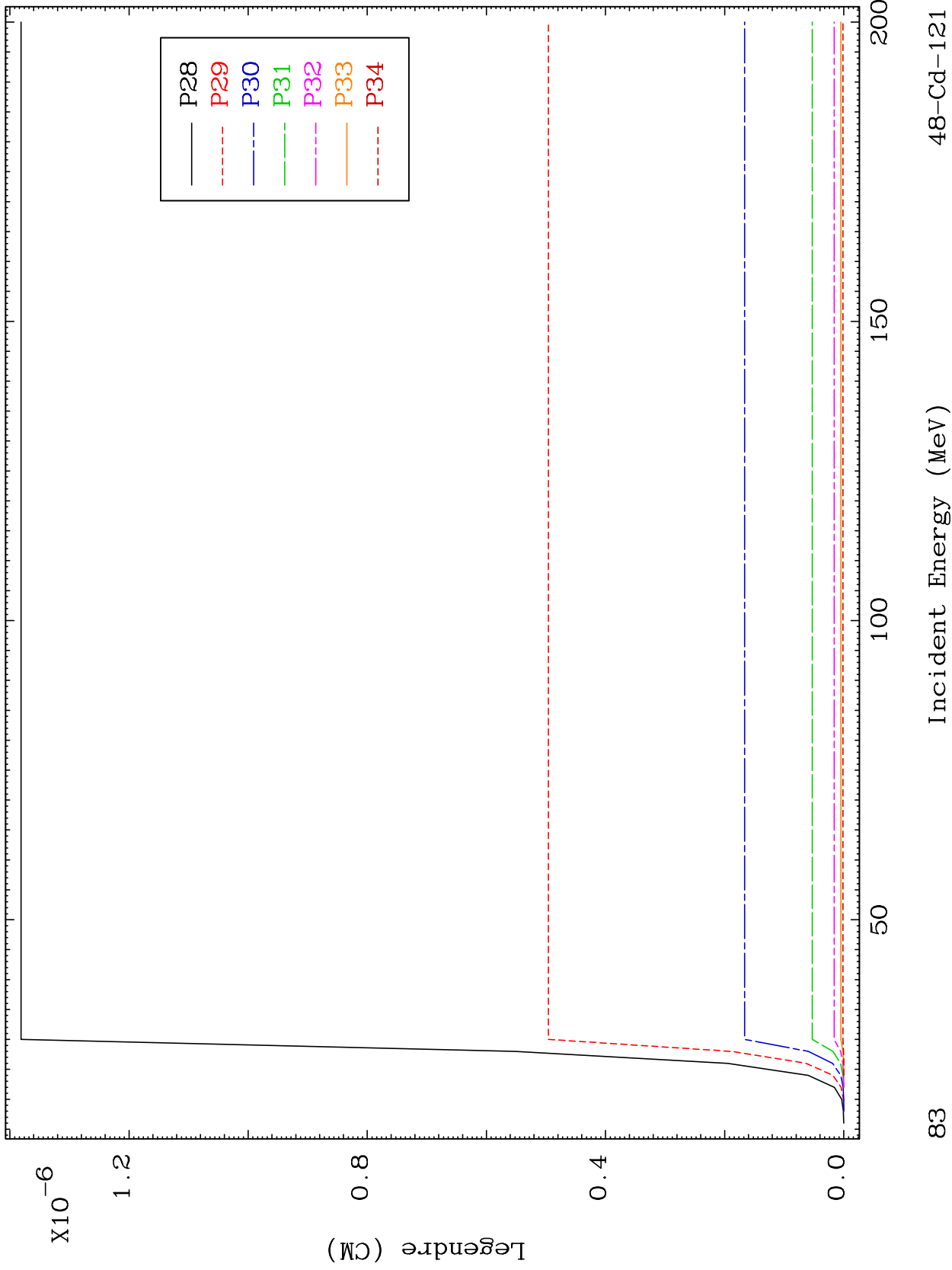
48-Cd-121



MAT 4870

MT= 68 (n,n') Level
Legendre Coefficients

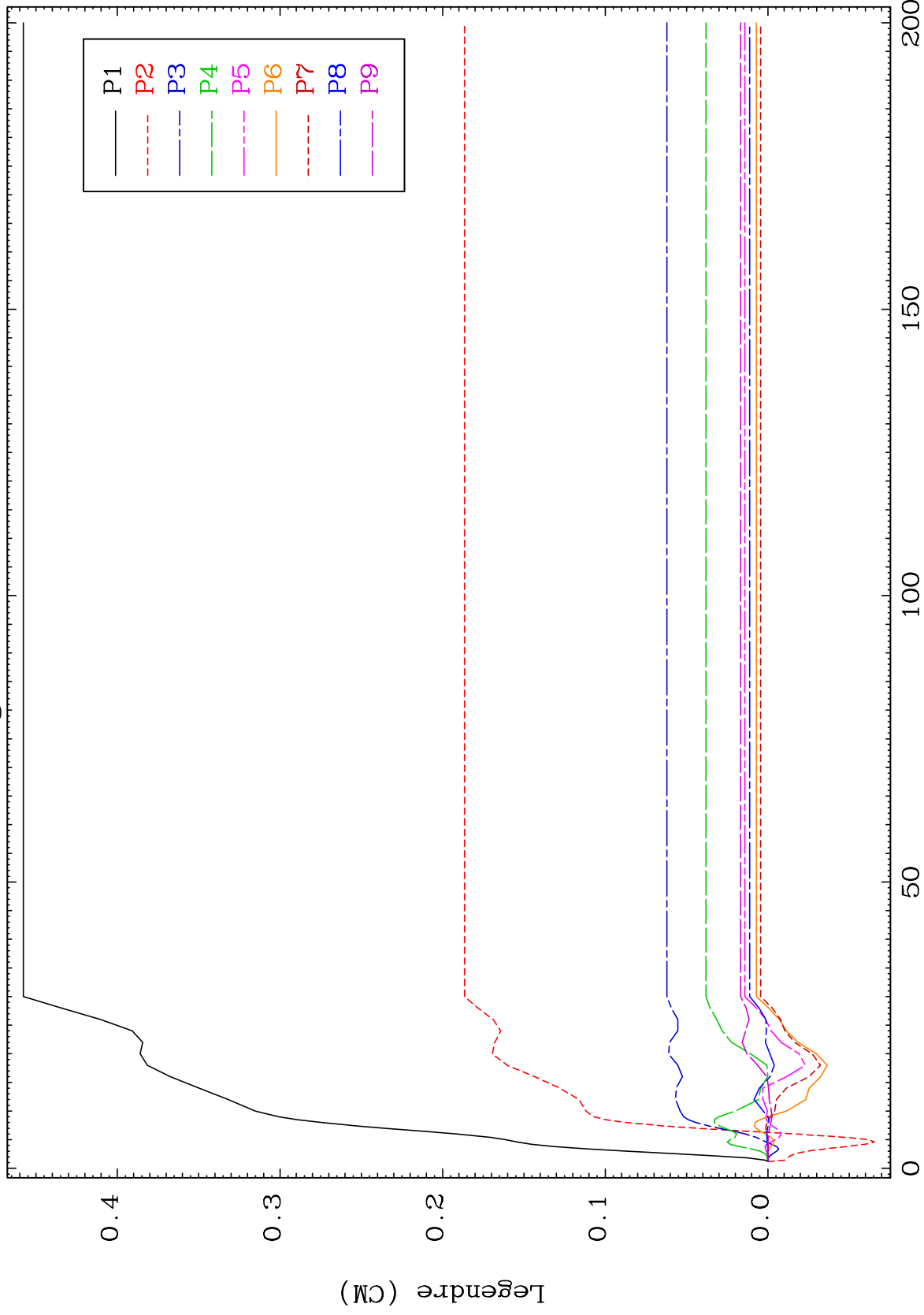
48-Cd-121



MAT 4870

MT= 69 (n,n') Level
Legendre Coefficients

48-Cd-121



84

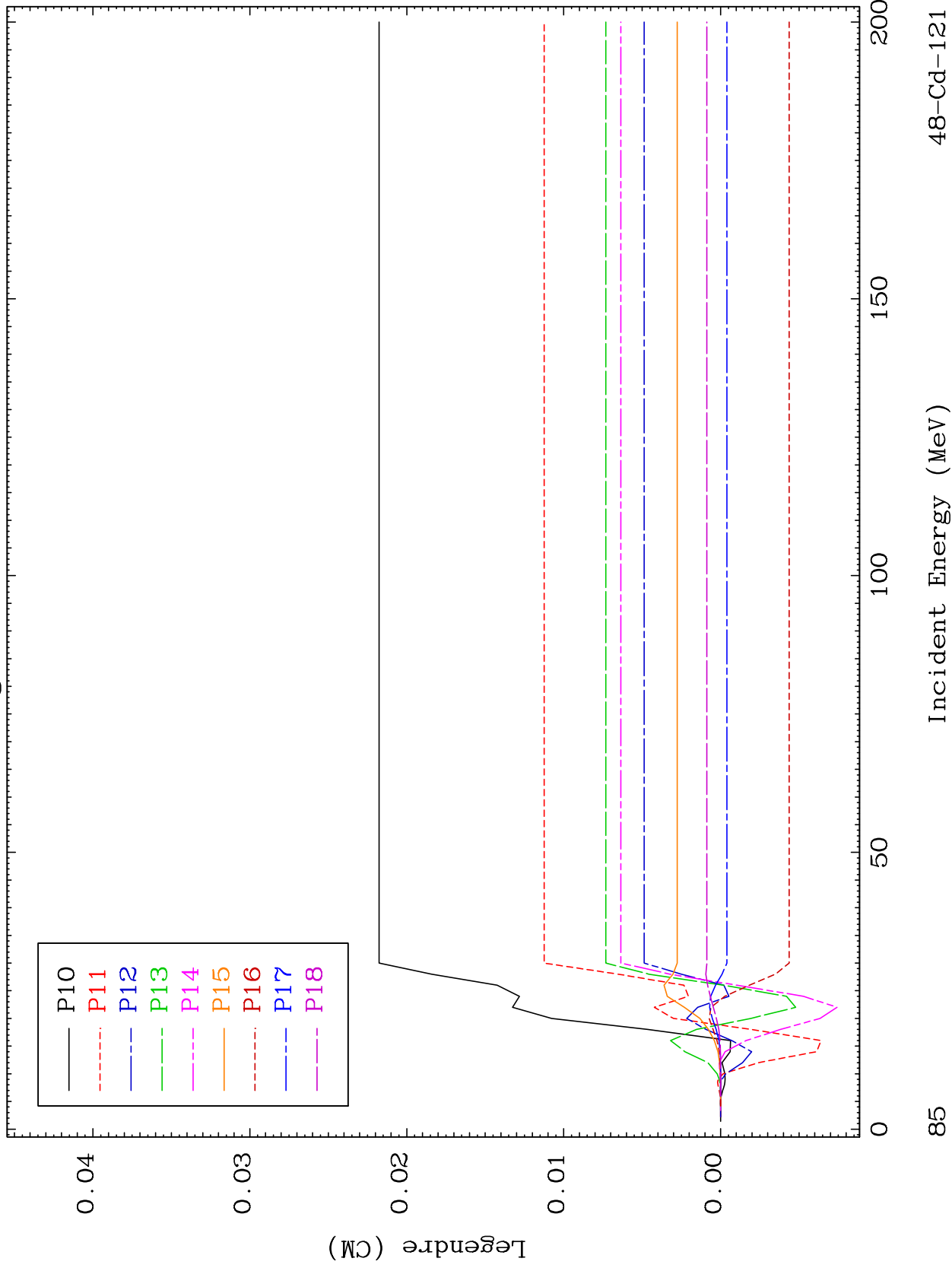
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 69 (n,n') Level
Legendre Coefficients

48-Cd-121



48-Cd-121

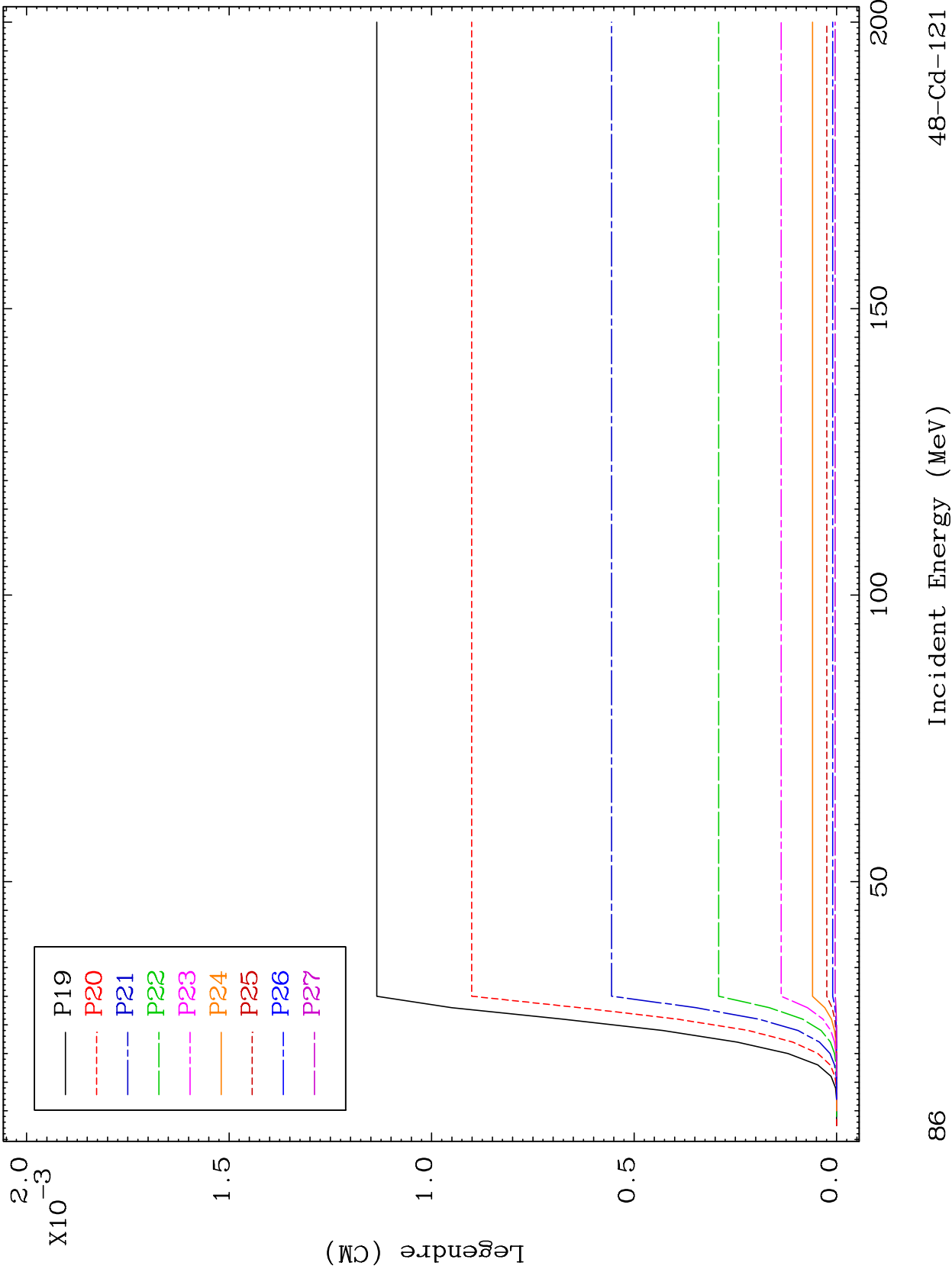
Incident Energy (MeV)

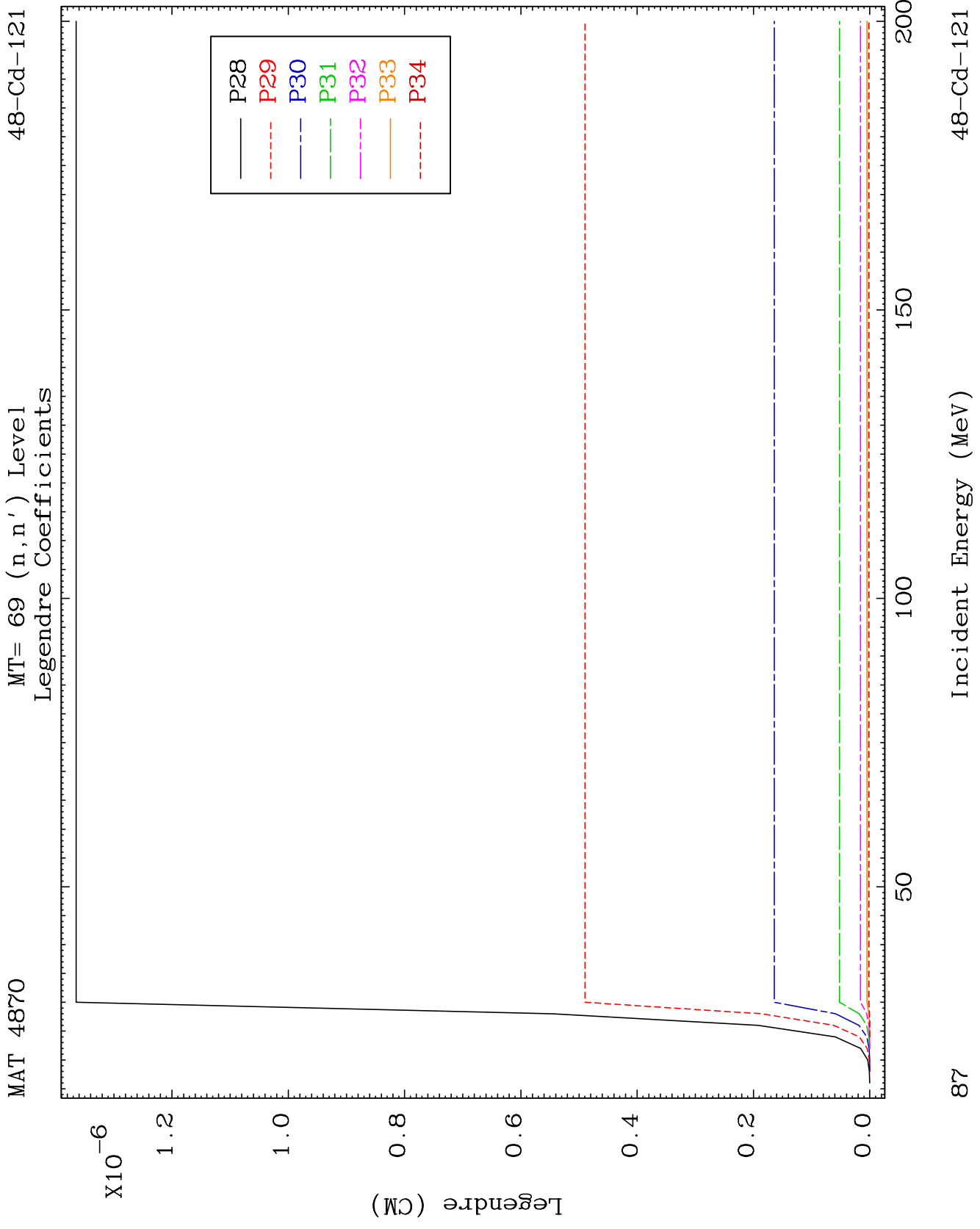
85

MAT 4870

MT= 69 (n,n') Level
Legendre Coefficients

48-Cd-121

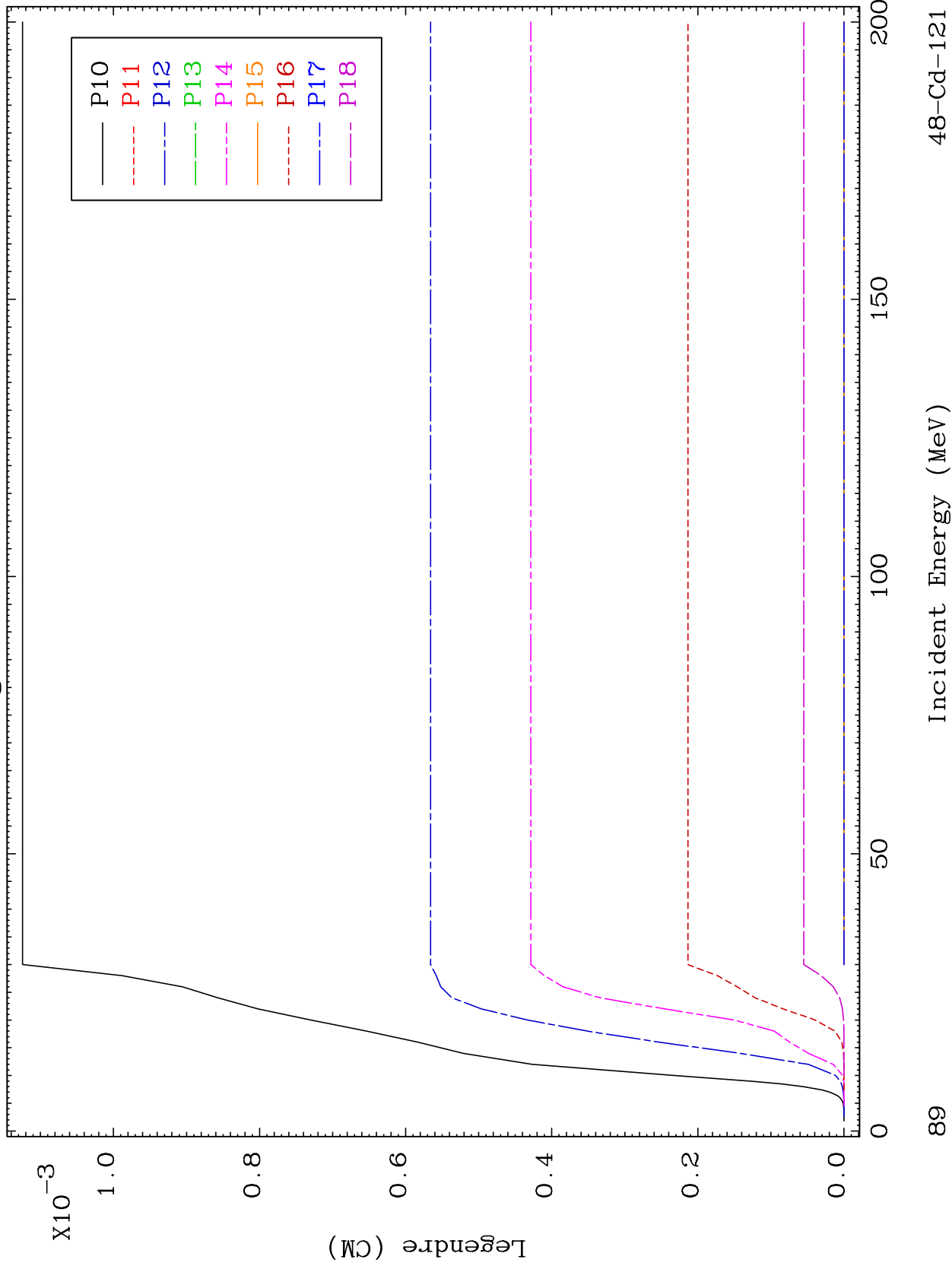




MAT 4870

MT= 70 (n,n') Level
Legendre Coefficients

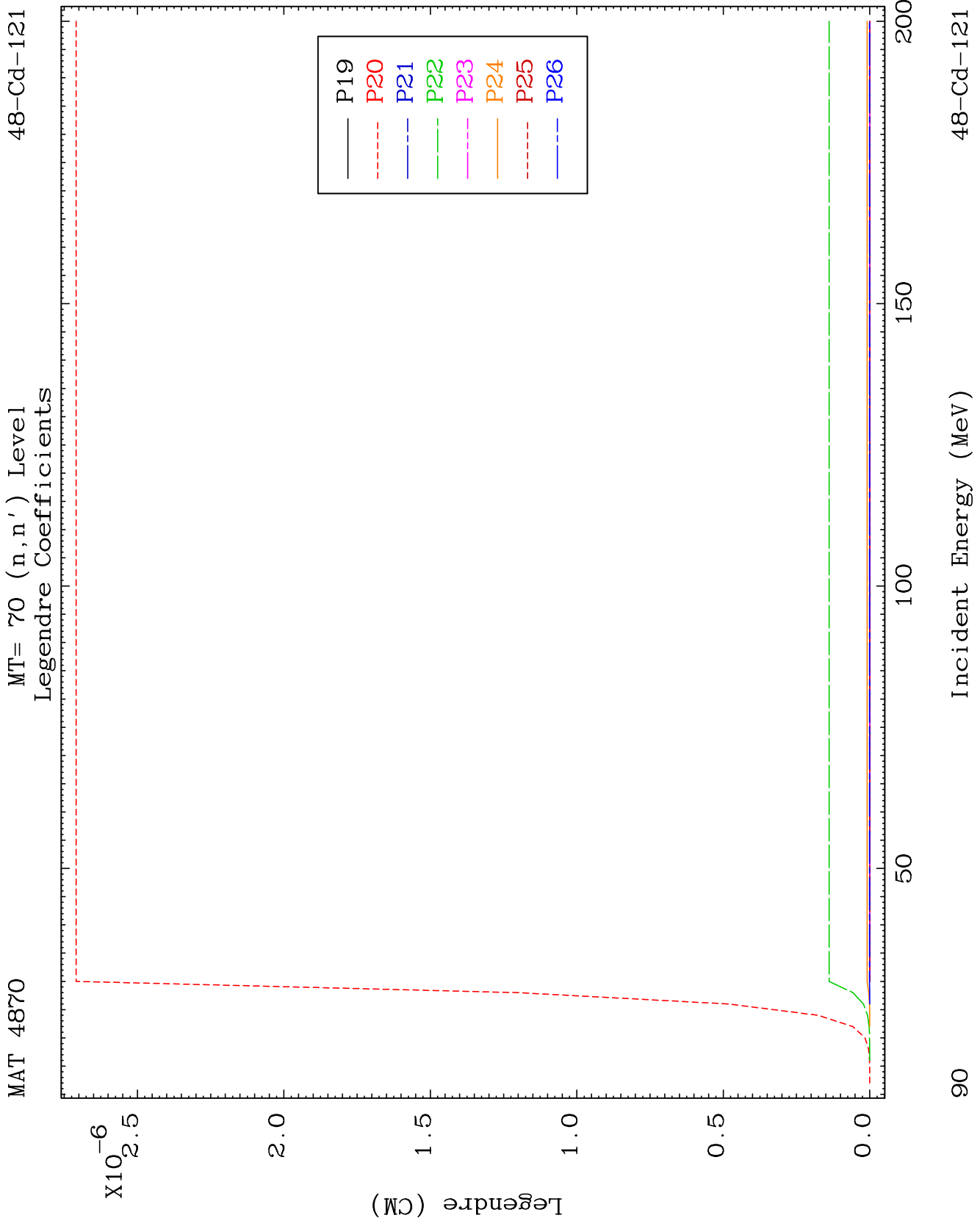
48-Cd-121



89

Incident Energy (MeV)

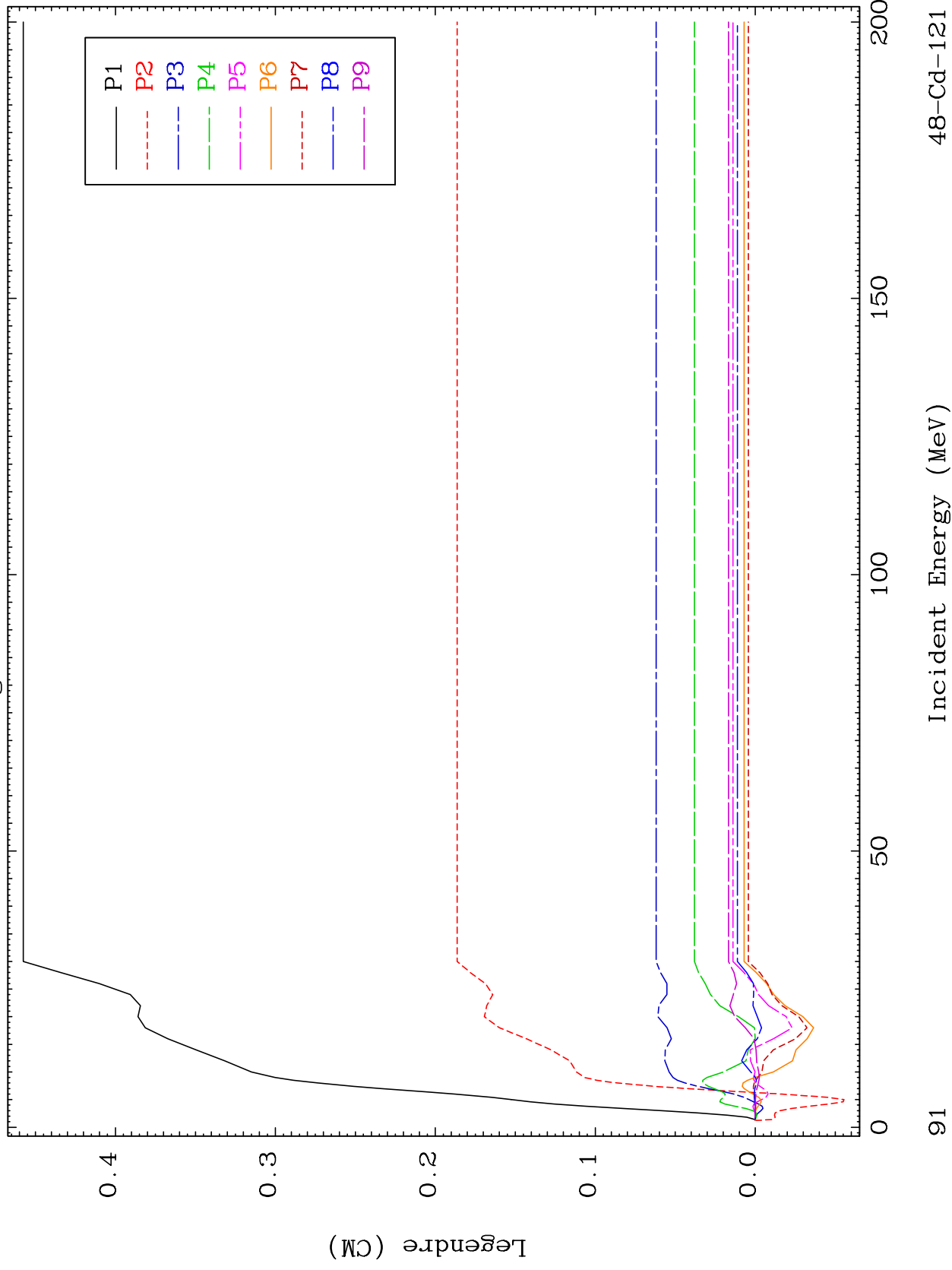
48-Cd-121



MAT 4870

MT= 71 (n,n') Level
Legendre Coefficients

48-Cd-121



91

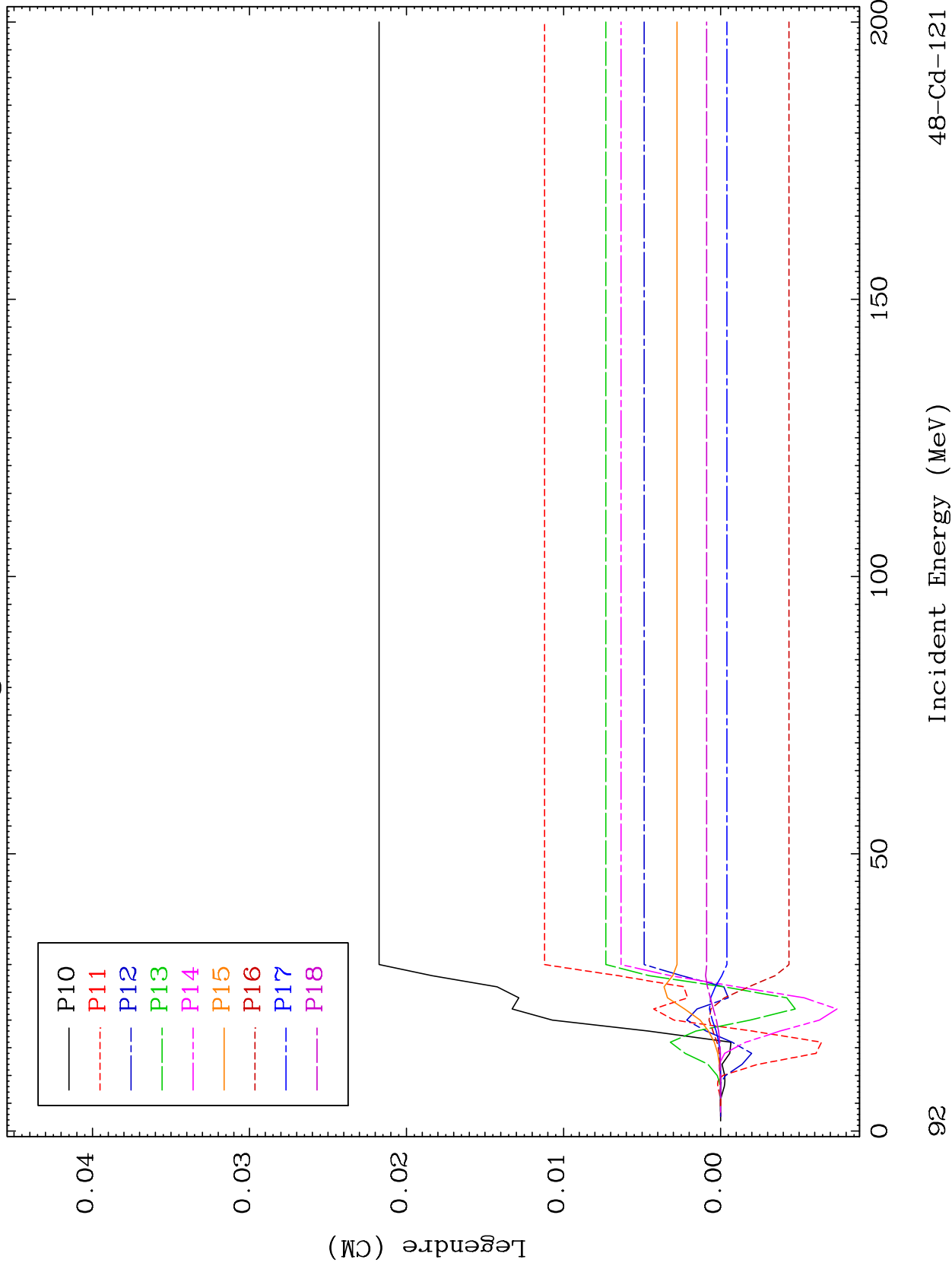
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 71 (n,n') Level
Legendre Coefficients

48-Cd-121



48-Cd-121

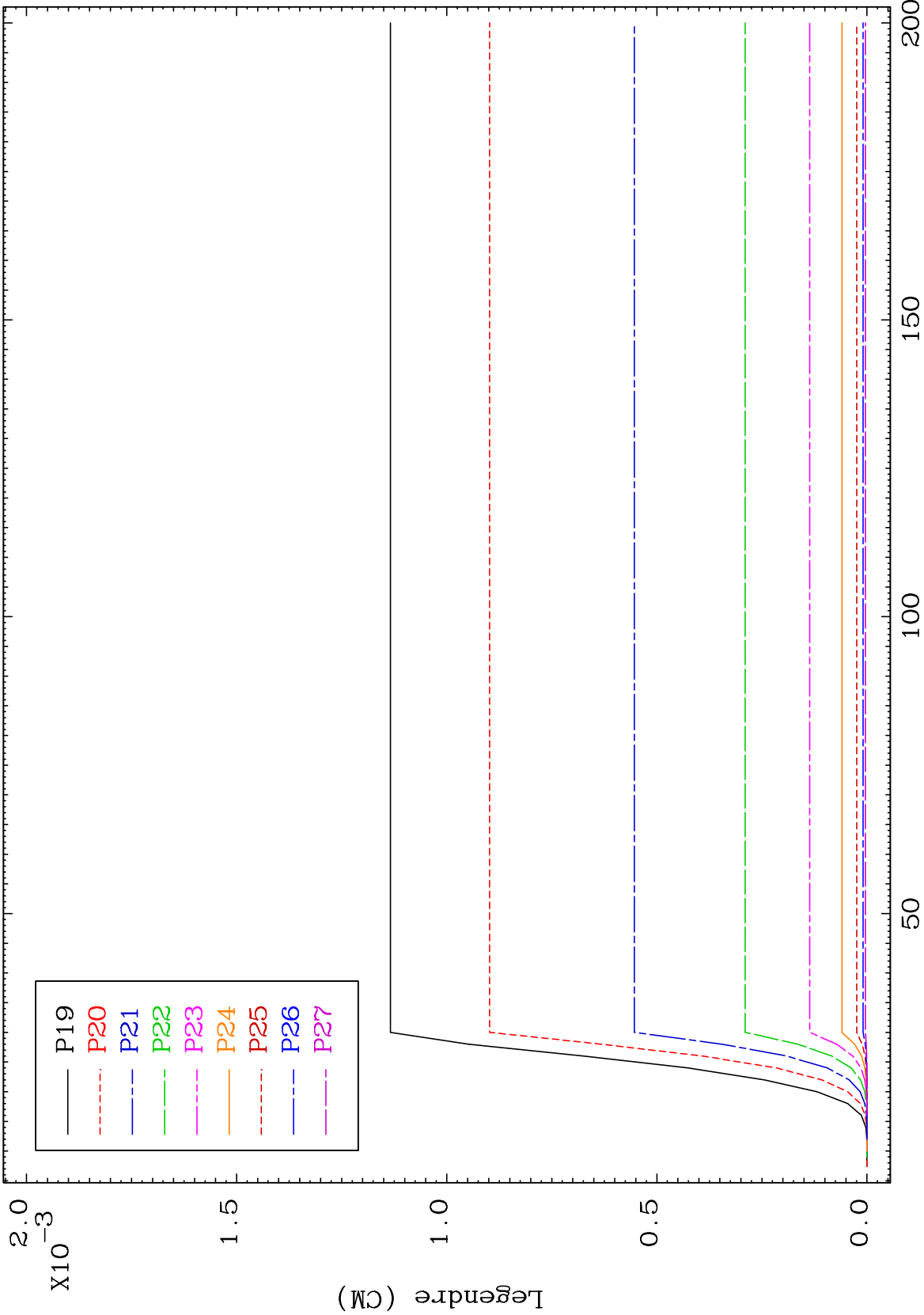
Incident Energy (MeV)

92

MAT 4870

MT= 71 (n,n') Level
Legendre Coefficients

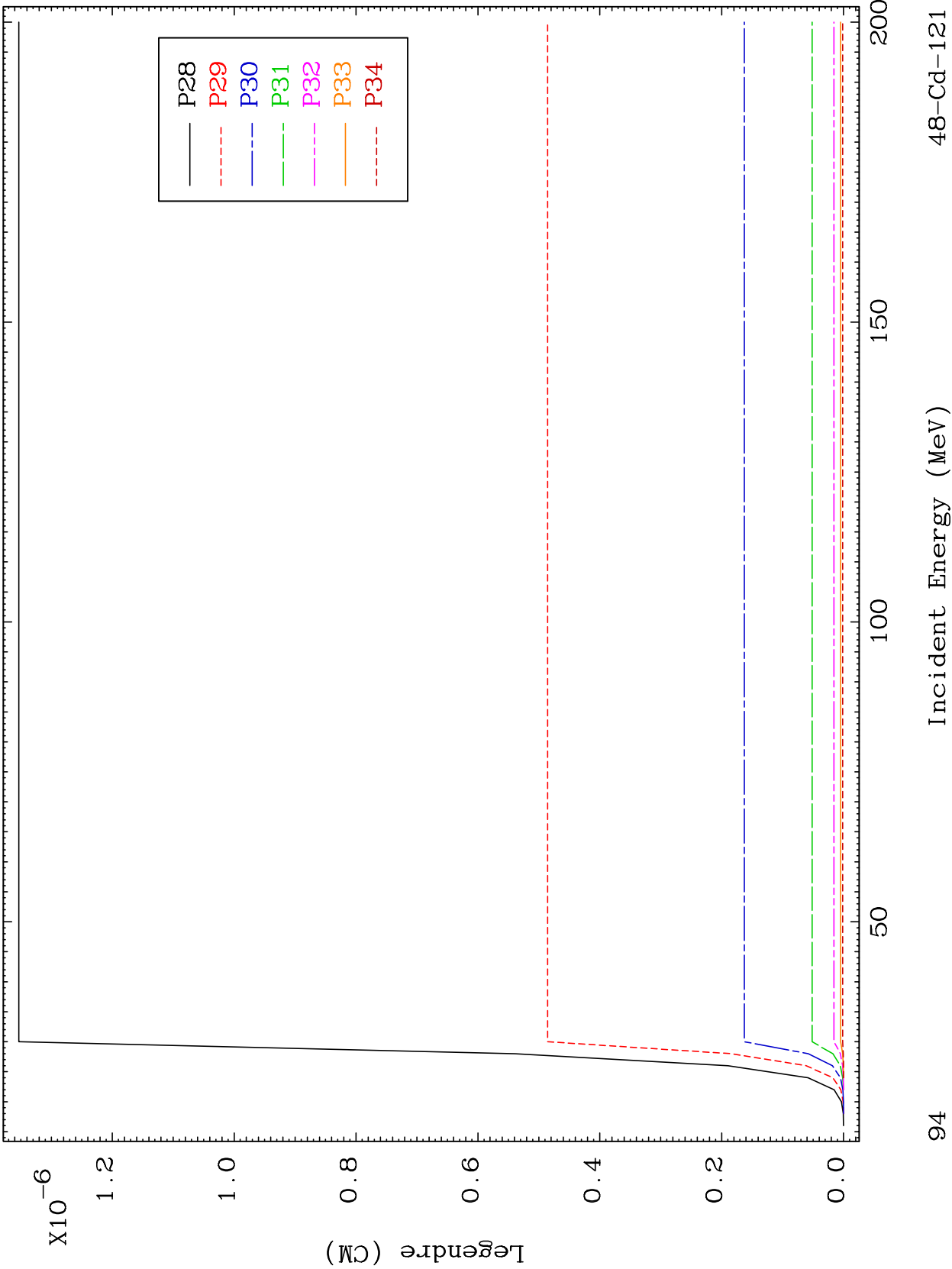
48-Cd-121



MAT 4870

MT= 71 (n,n') Level
Legendre Coefficients

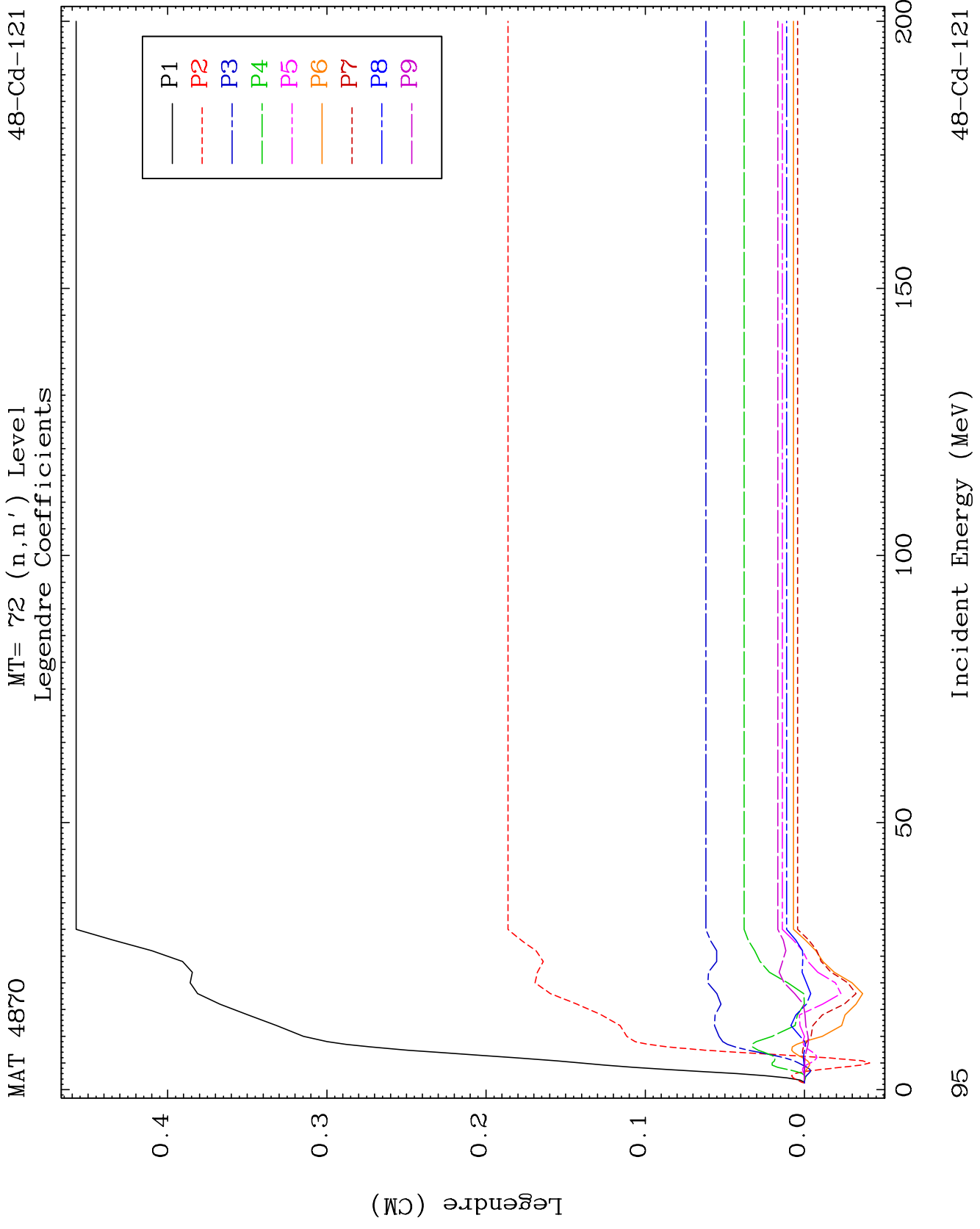
48-Cd-121



94

Incident Energy (MeV)

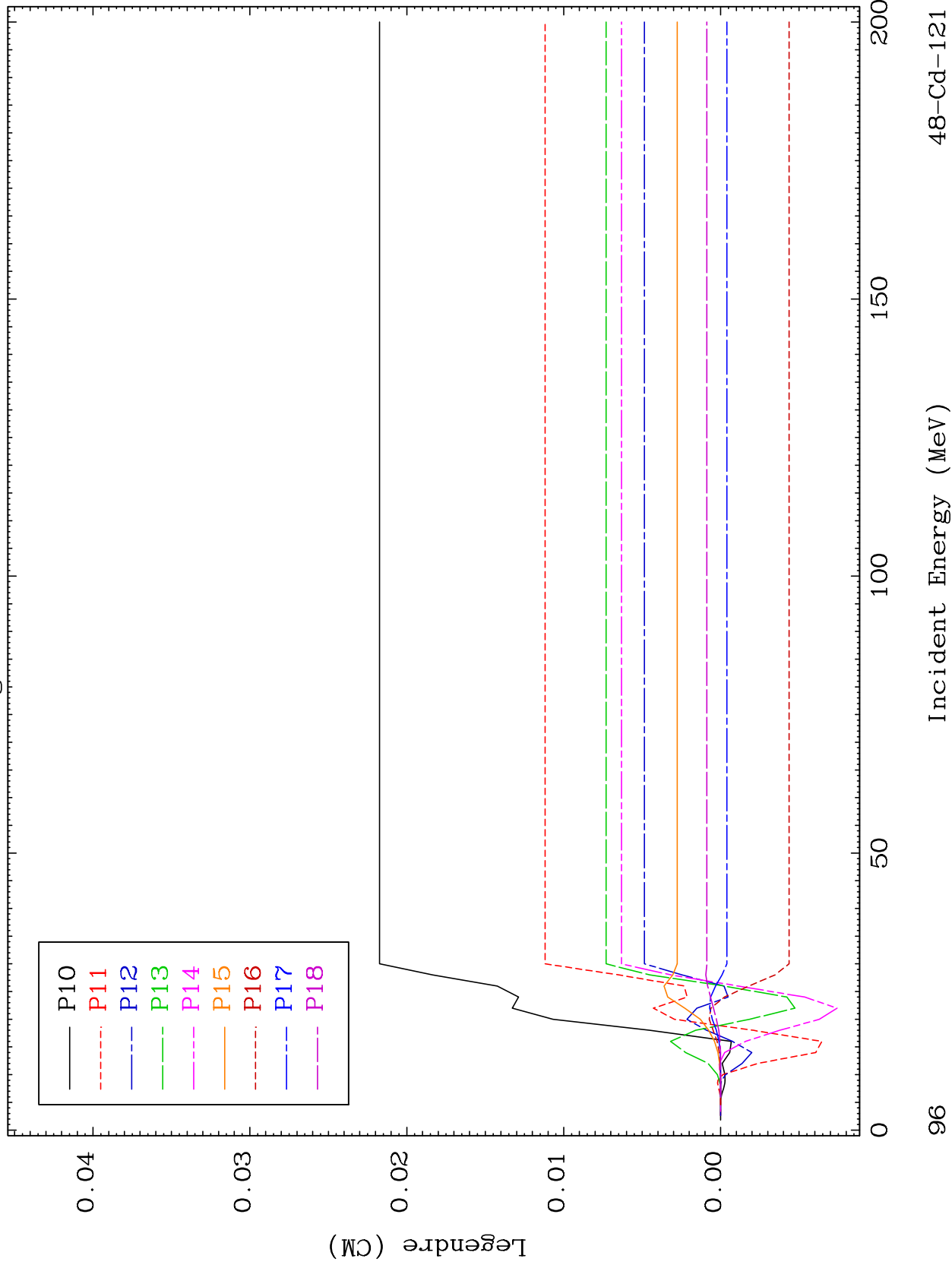
48-Cd-121



MAT 4870

MT= 72 (n,n') Level
Legendre Coefficients

48-Cd-121



96

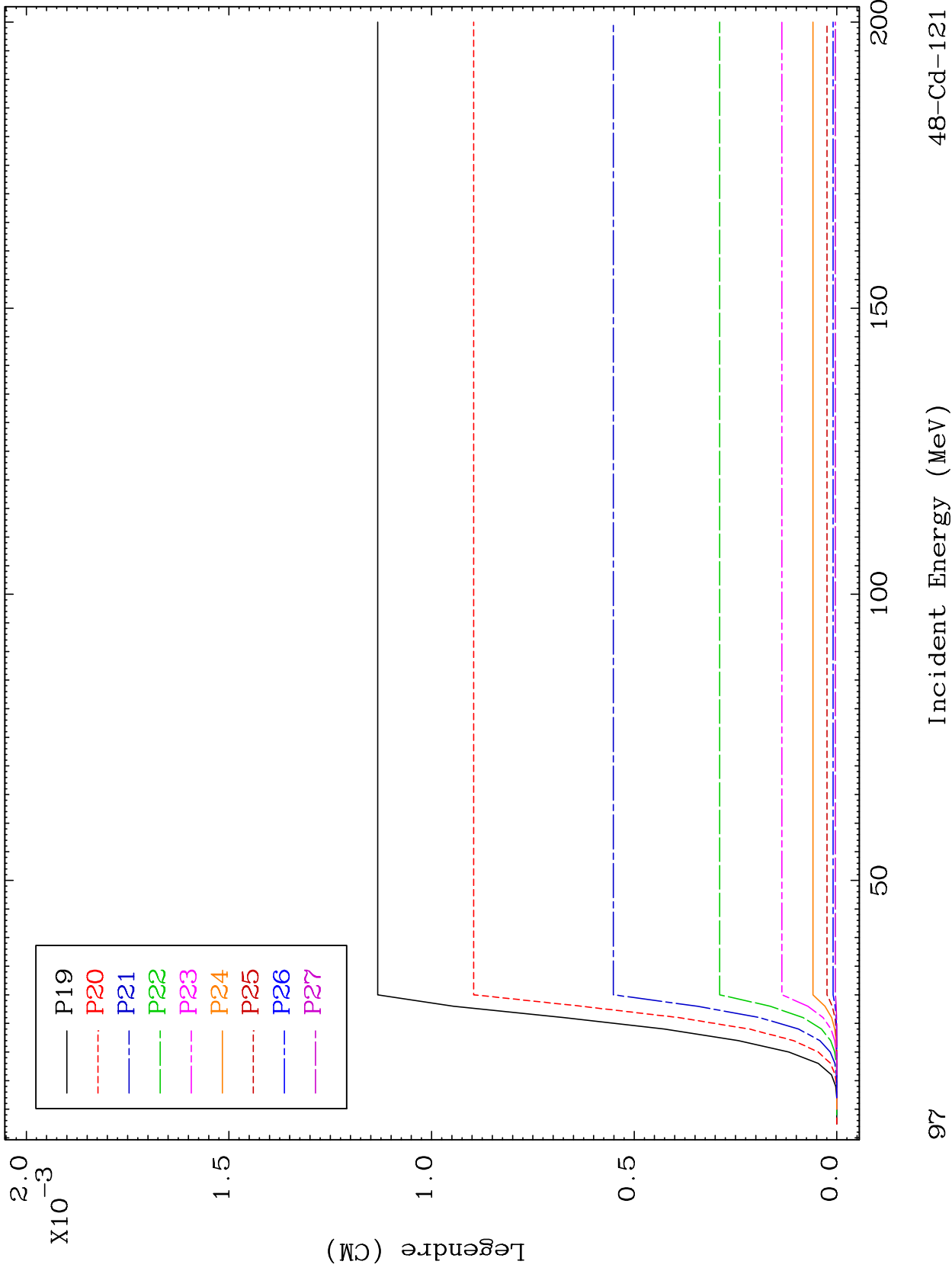
Incident Energy (MeV)

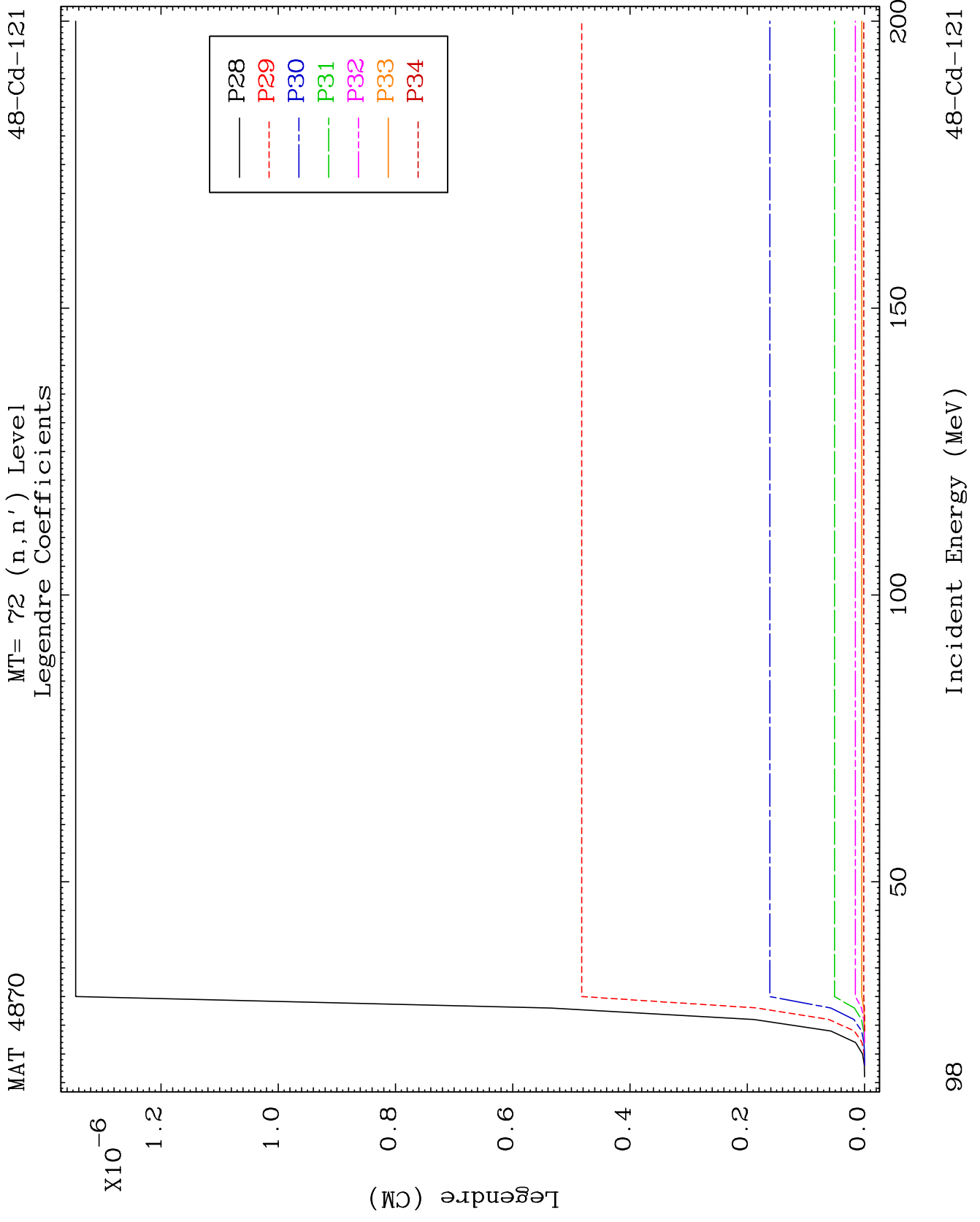
48-Cd-121

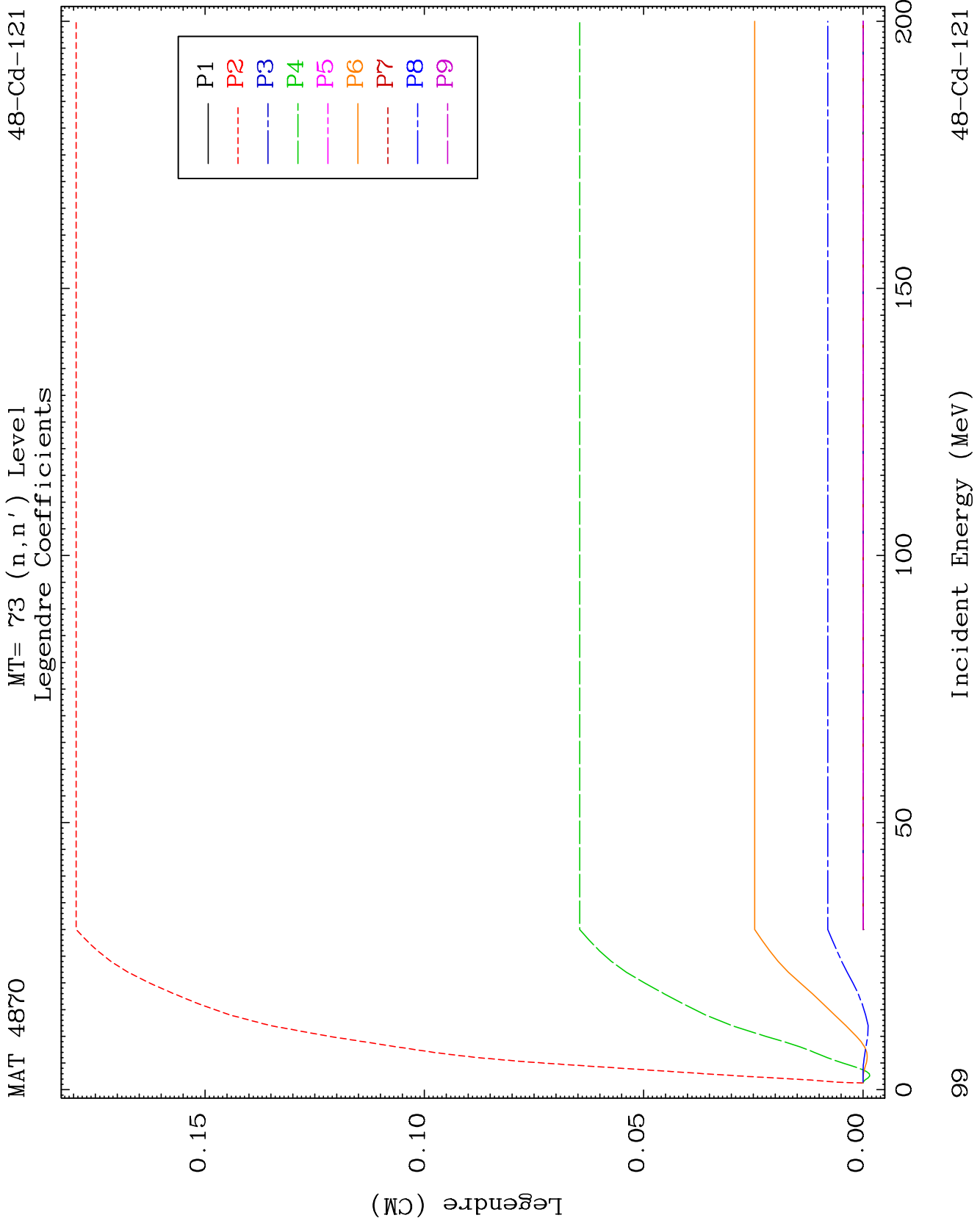
MAT 4870

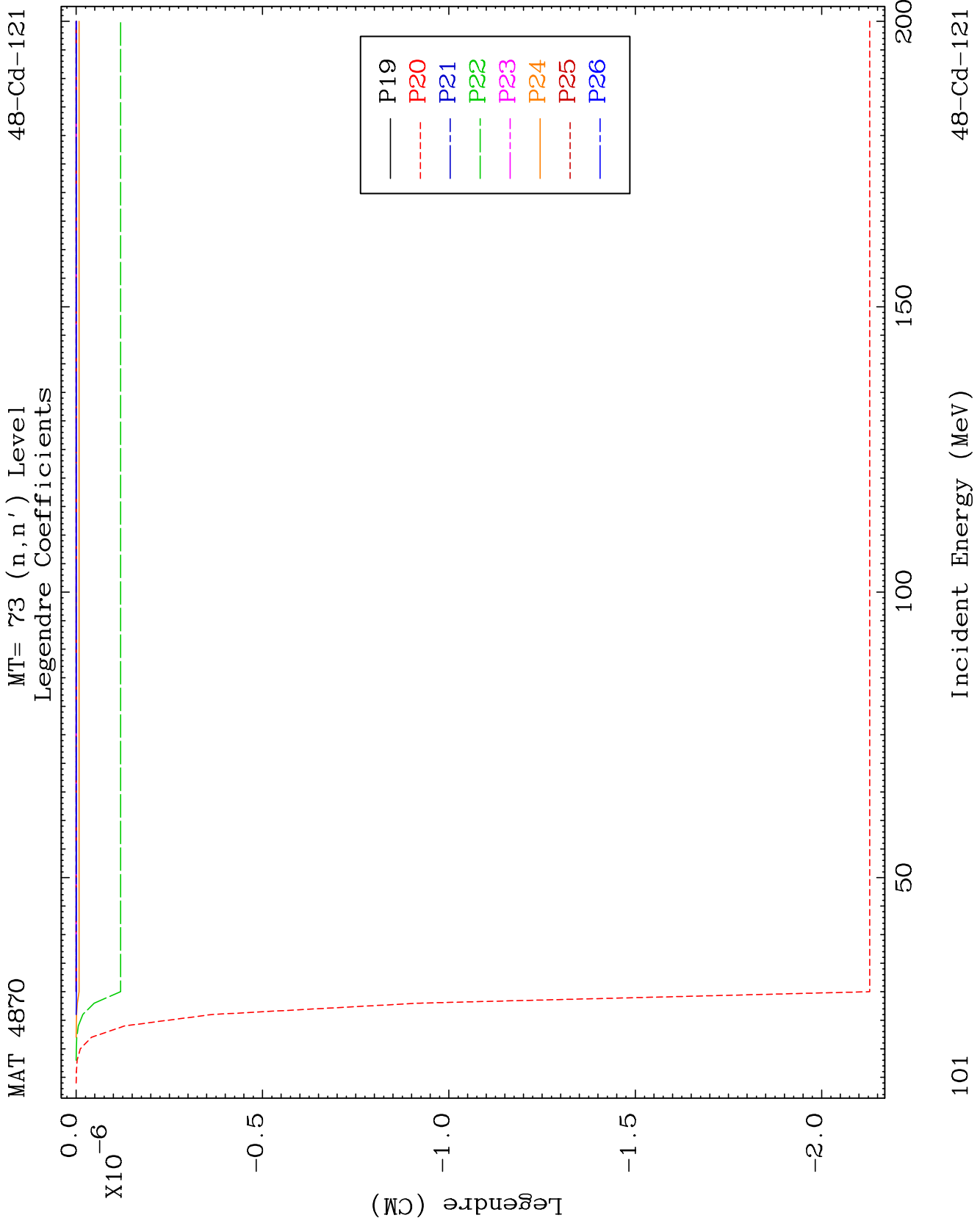
MT= 72 (n,n') Level
Legendre Coefficients

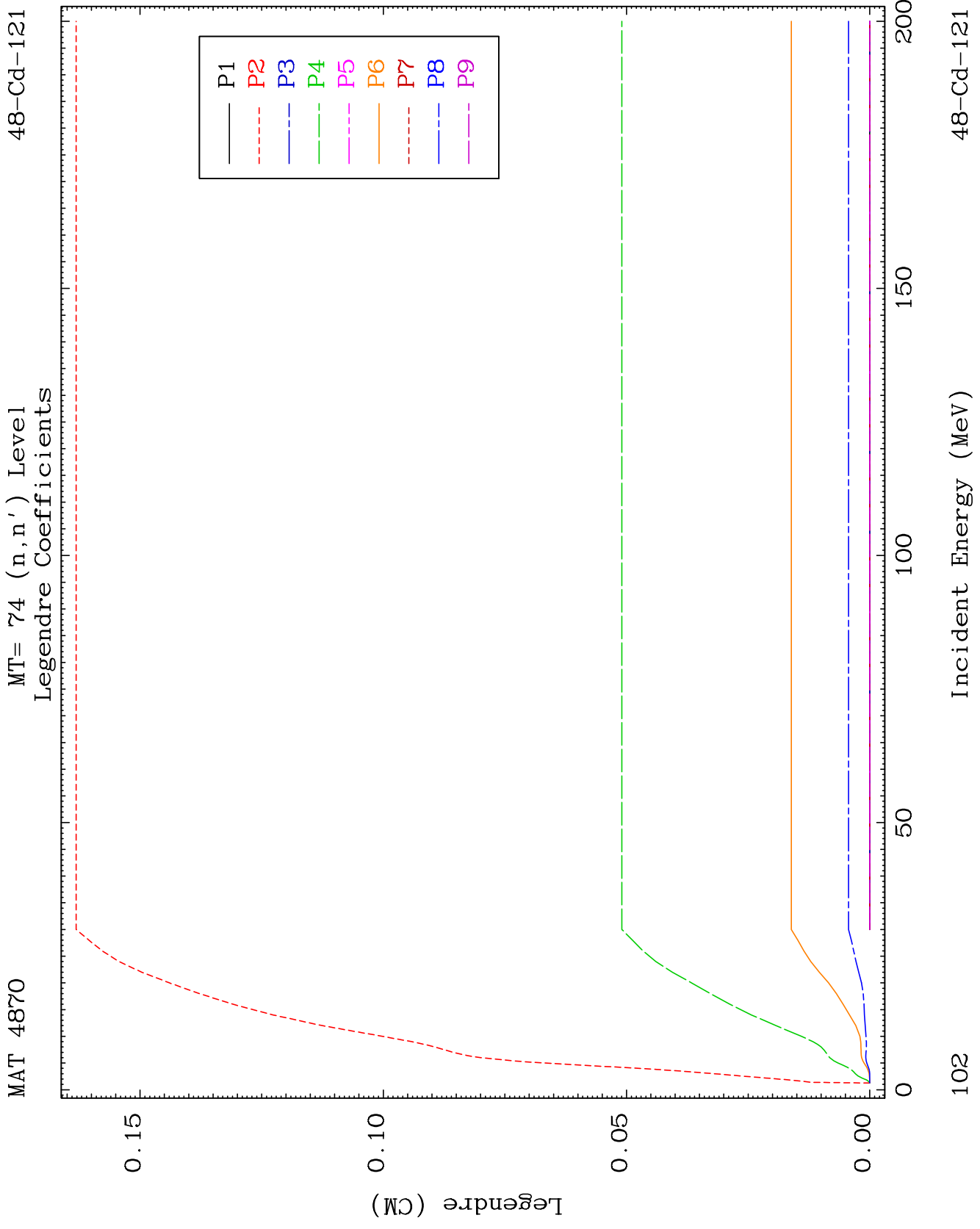
48-Cd-121







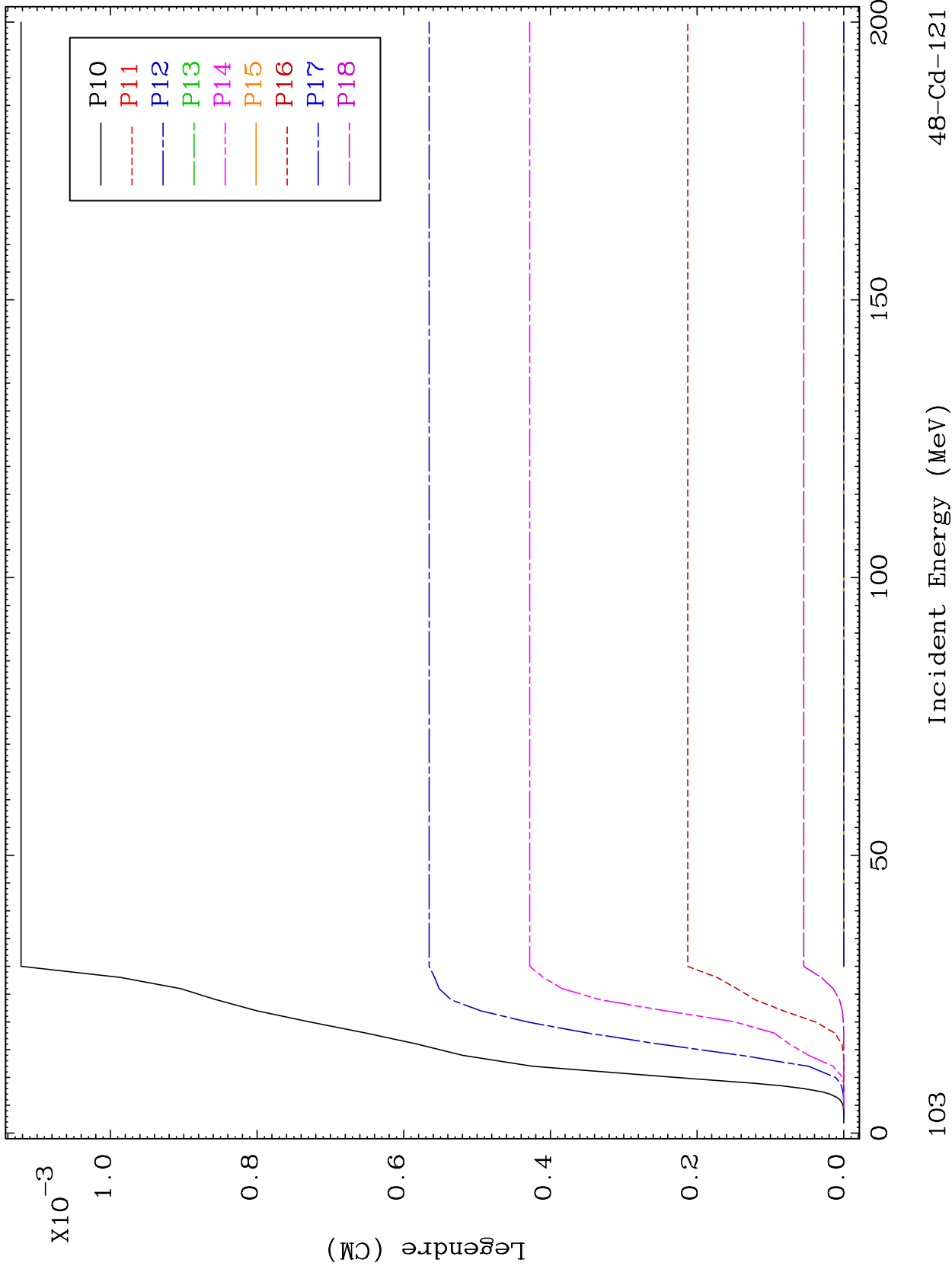




MAT 4870

MT= 74 (n,n') Level
Legendre Coefficients

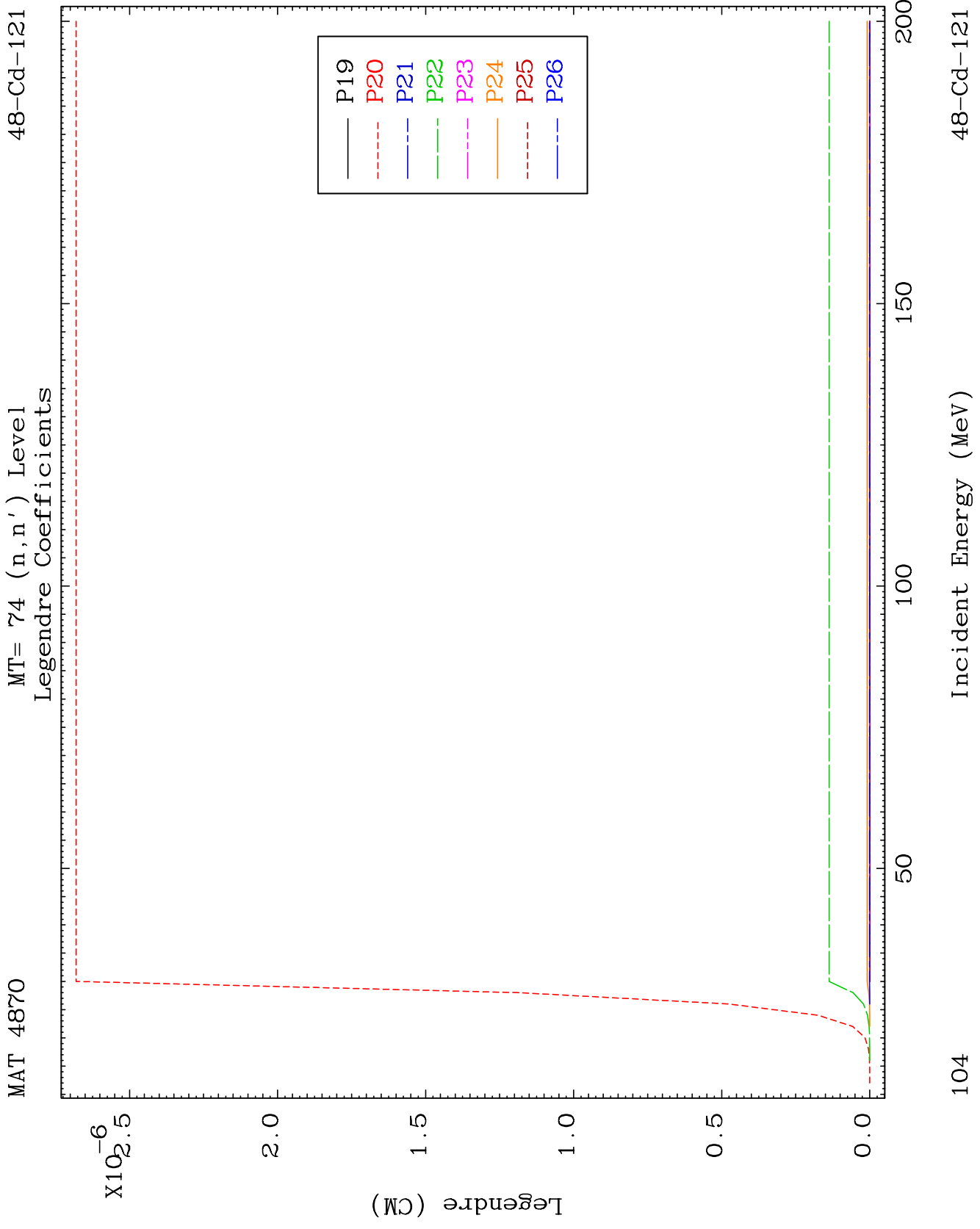
48-Cd-121

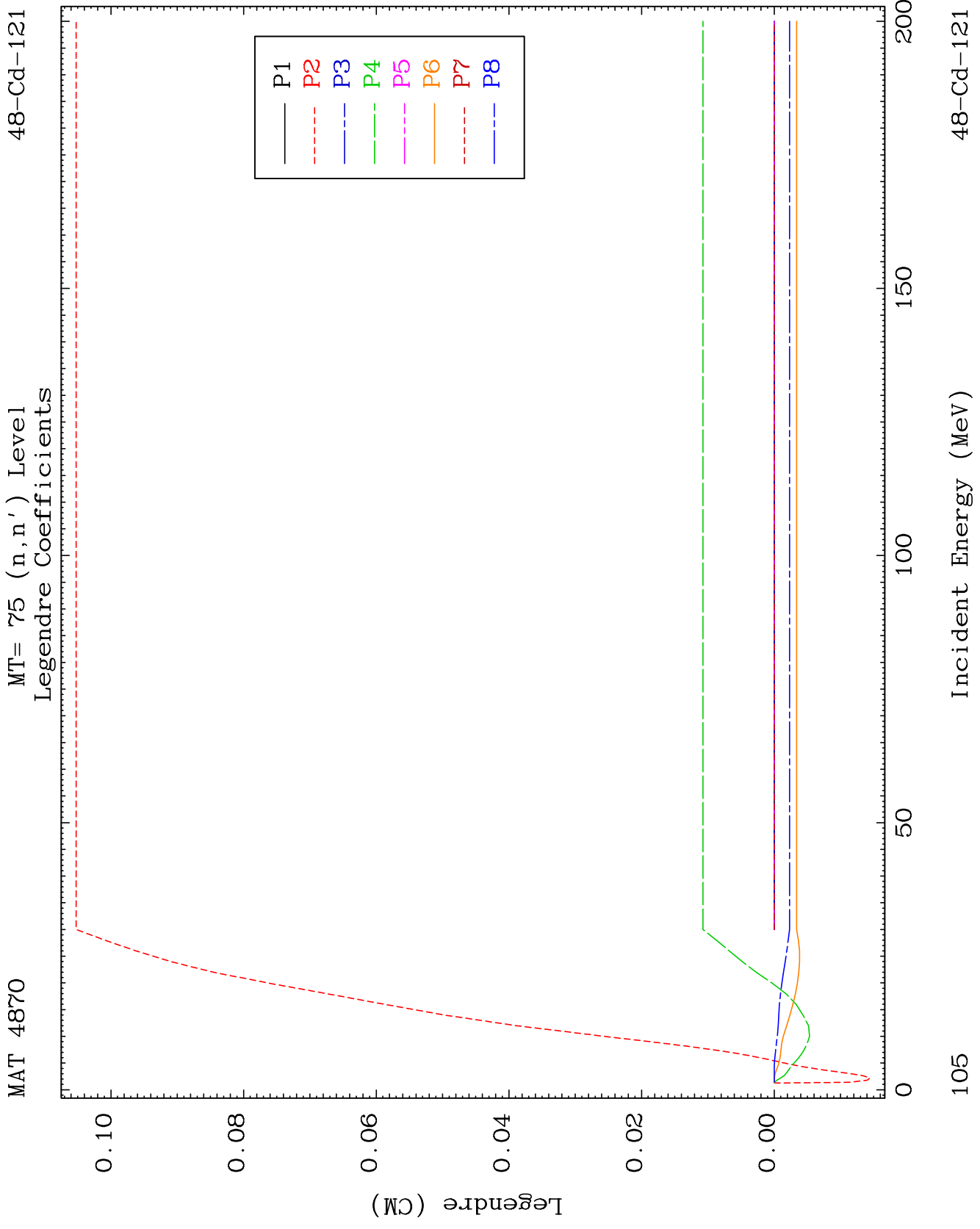


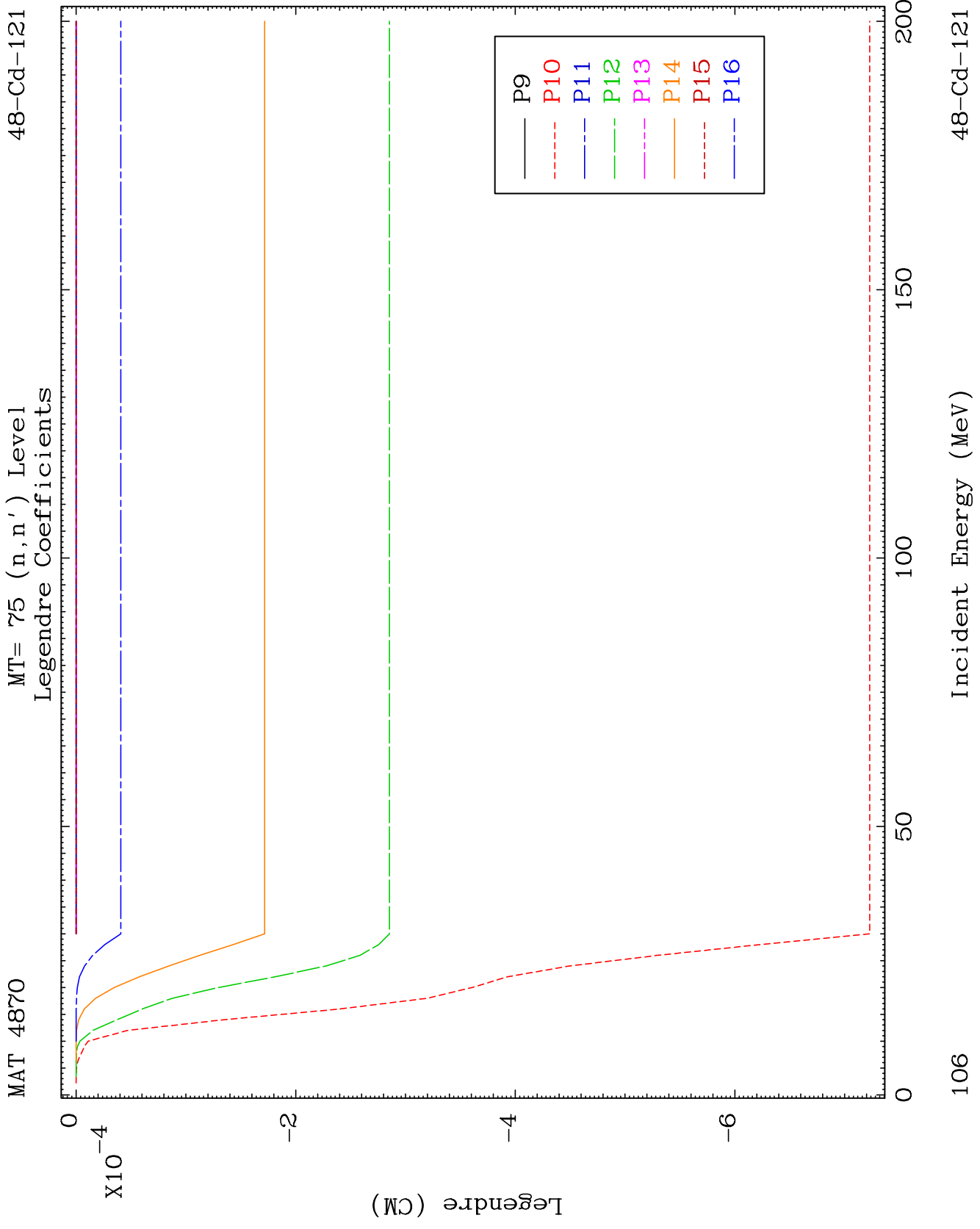
103

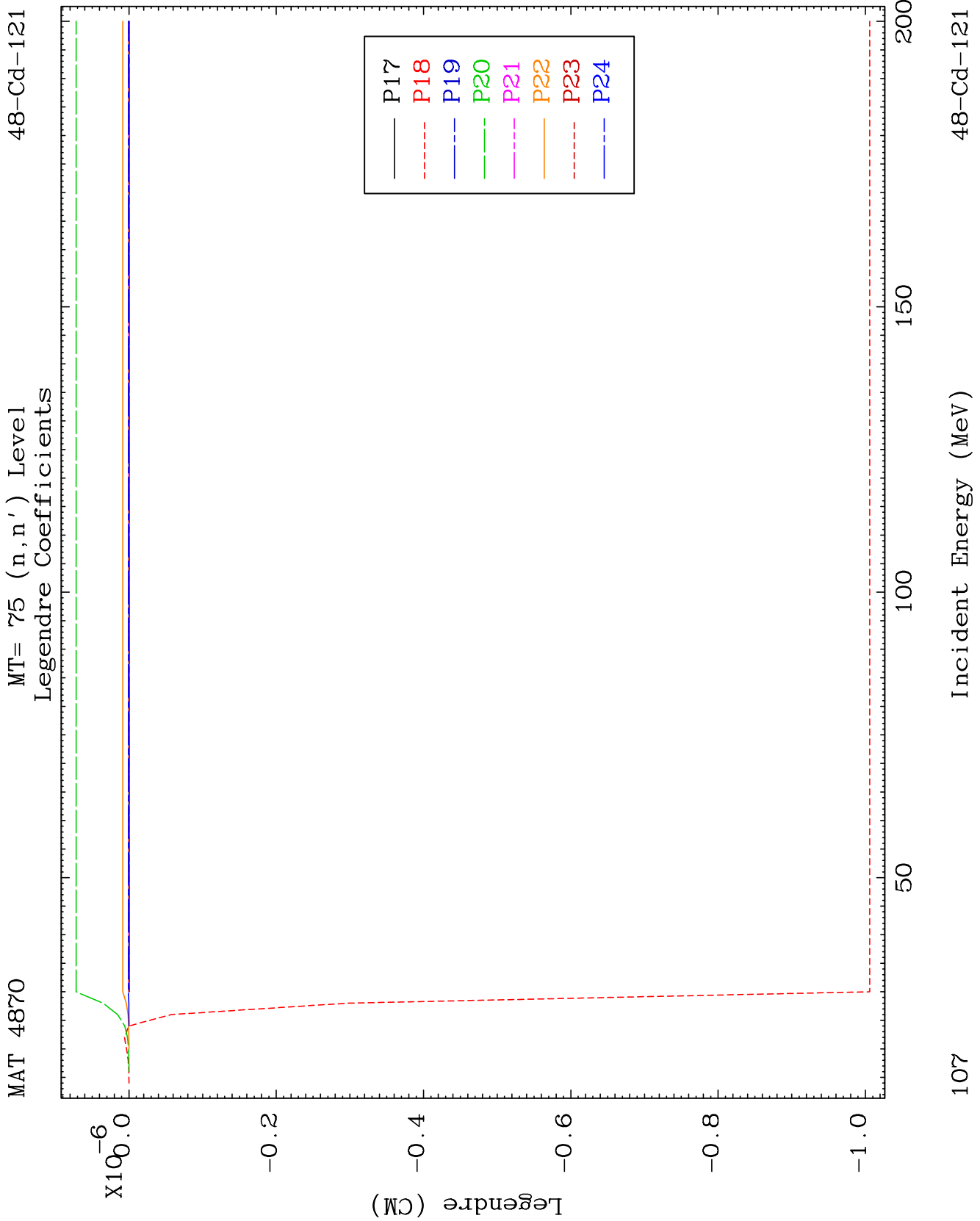
Incident Energy (MeV)

48-Cd-121





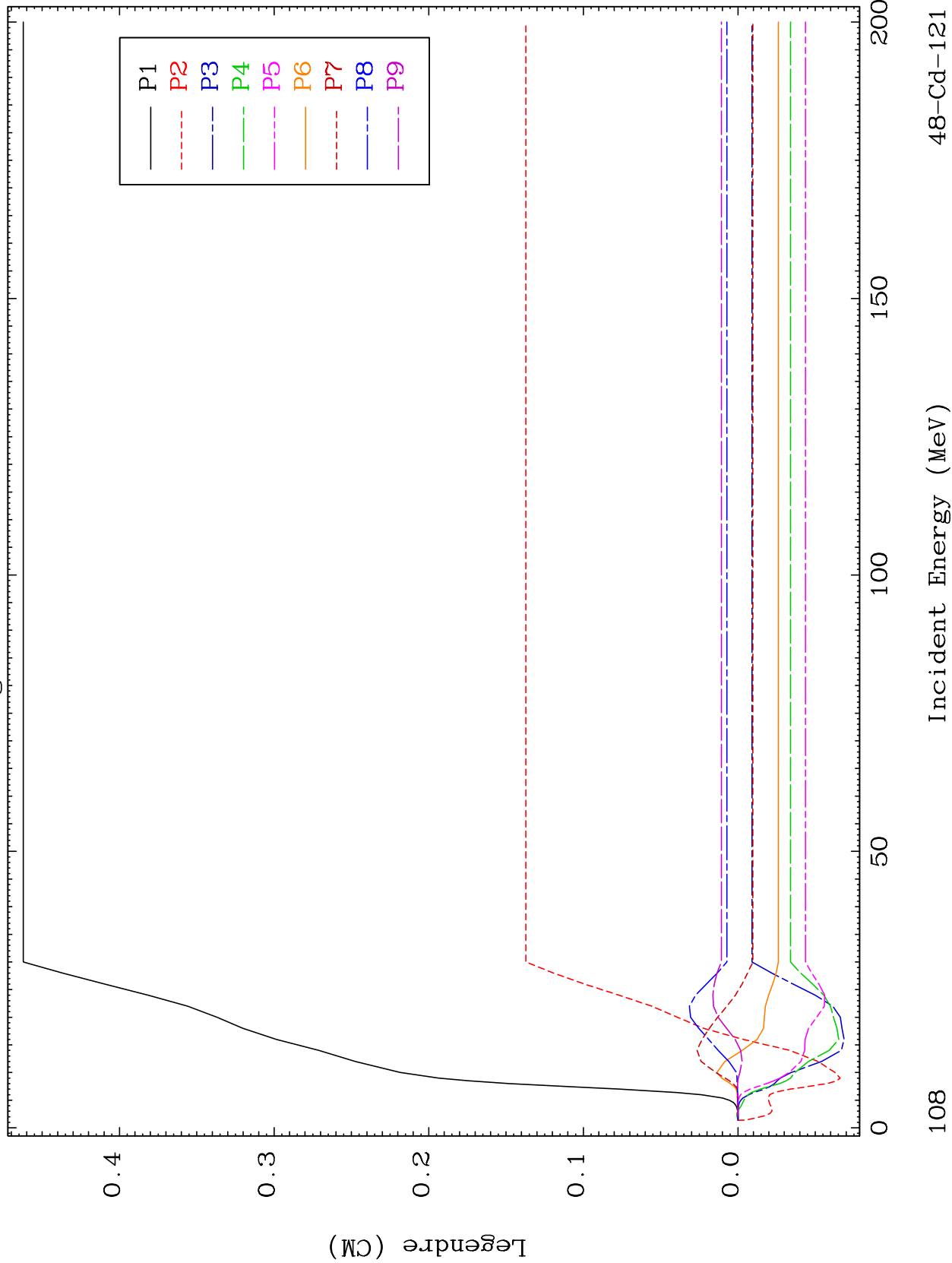




MAT 4870

MT= 76 (n,n') Level
Legendre Coefficients

48-Cd-121



108

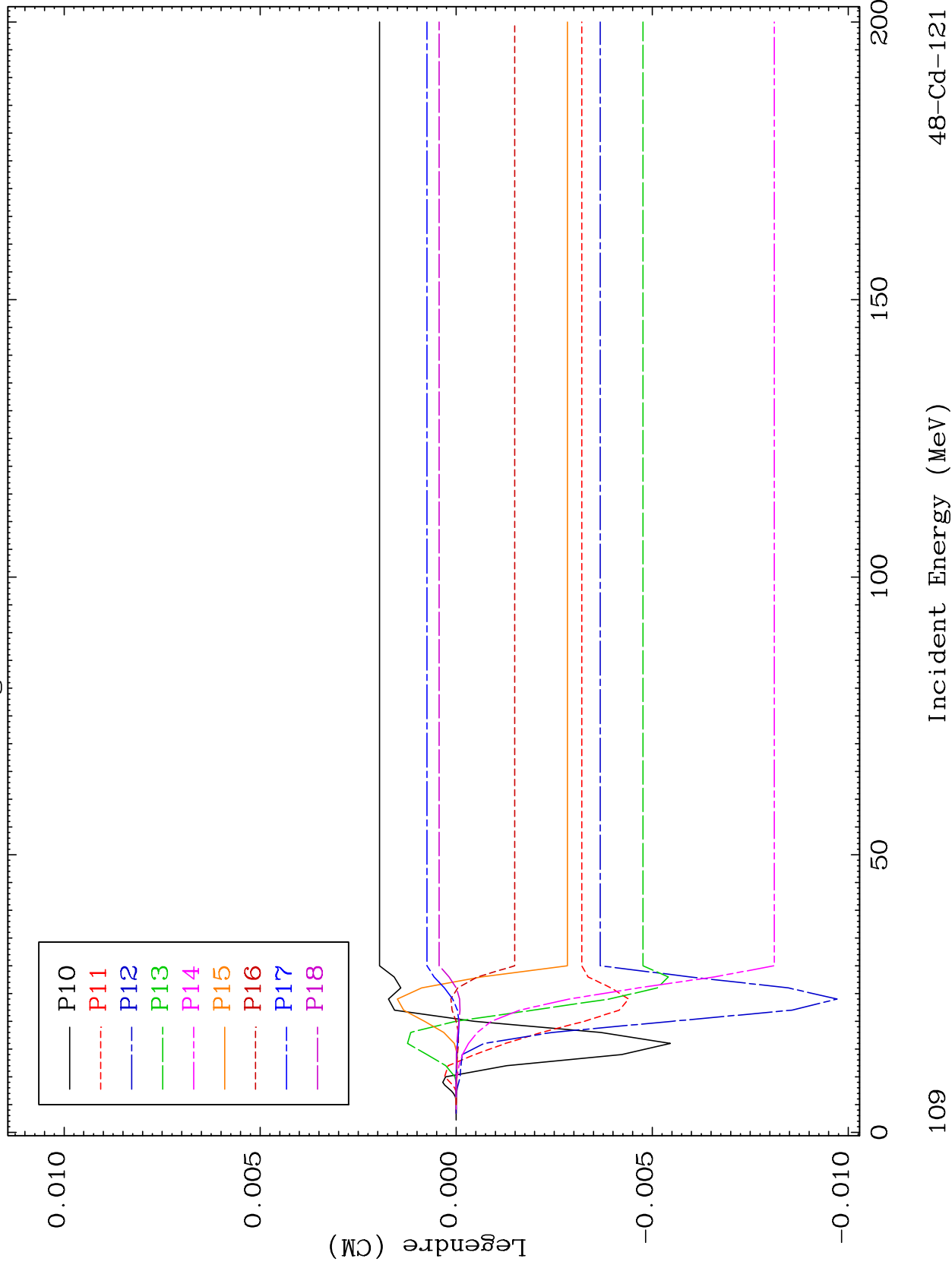
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 76 (n,n') Level
Legendre Coefficients

48-Cd-121



109

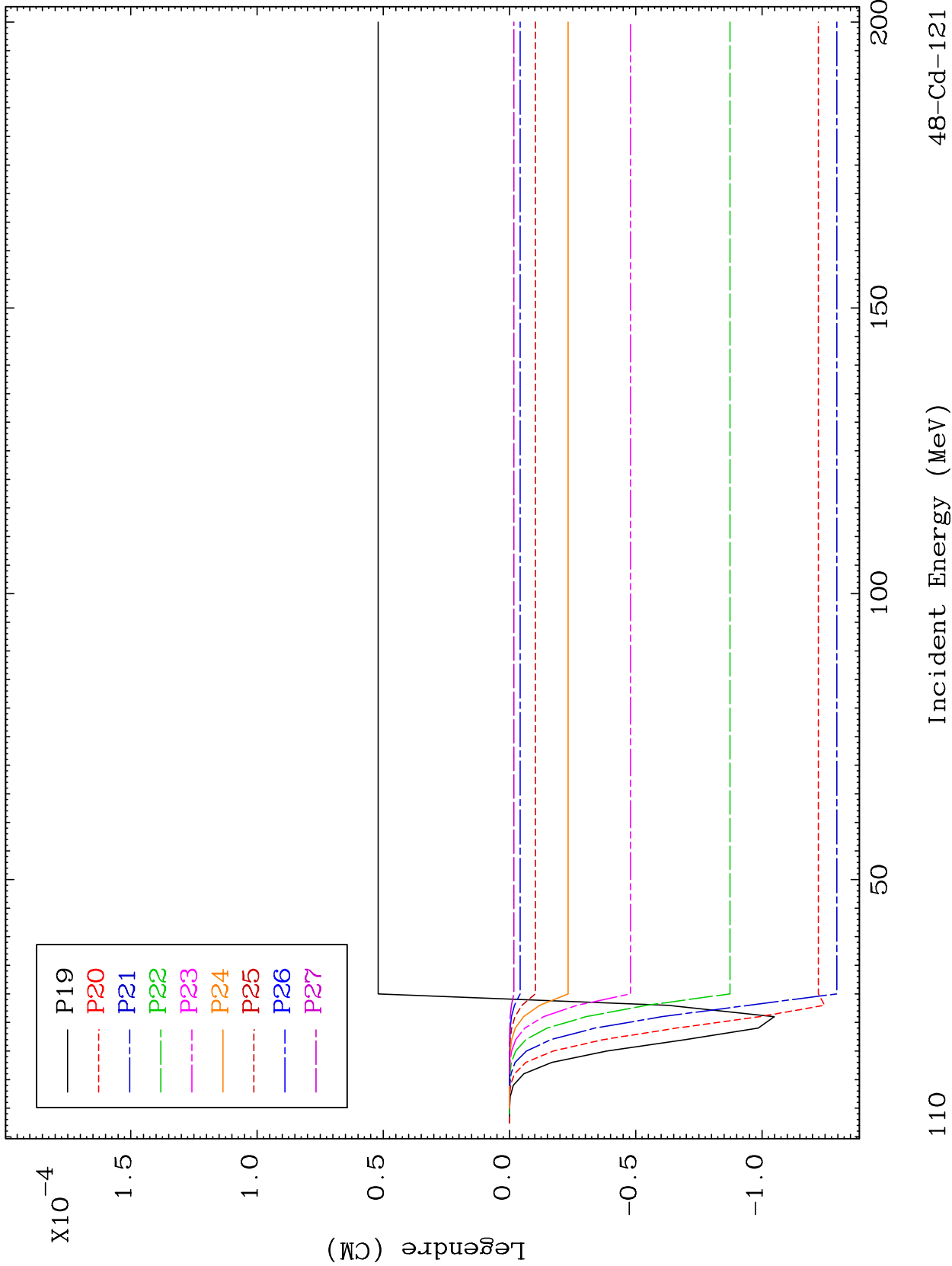
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 76 (n,n') Level
Legendre Coefficients

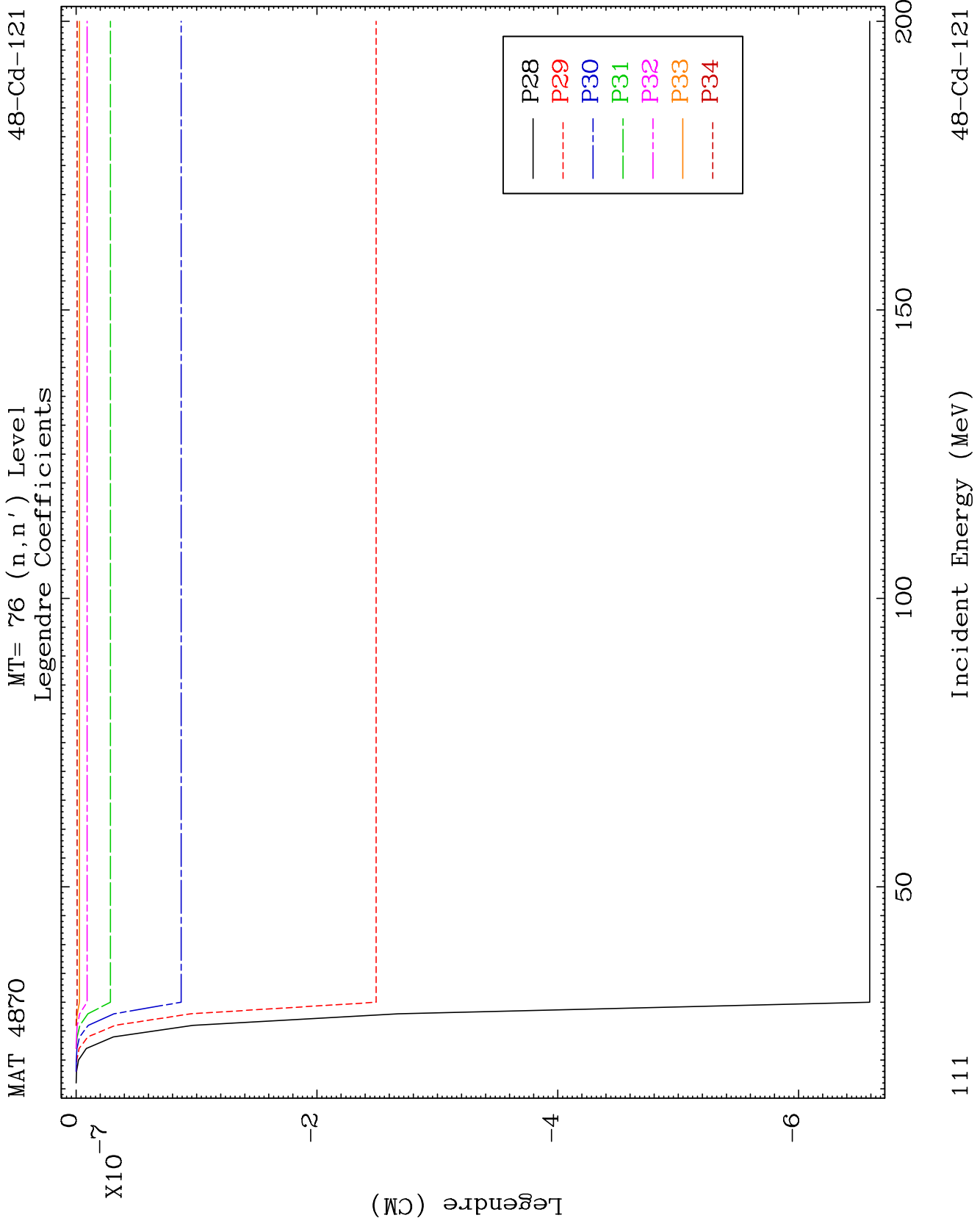
48-Cd-121

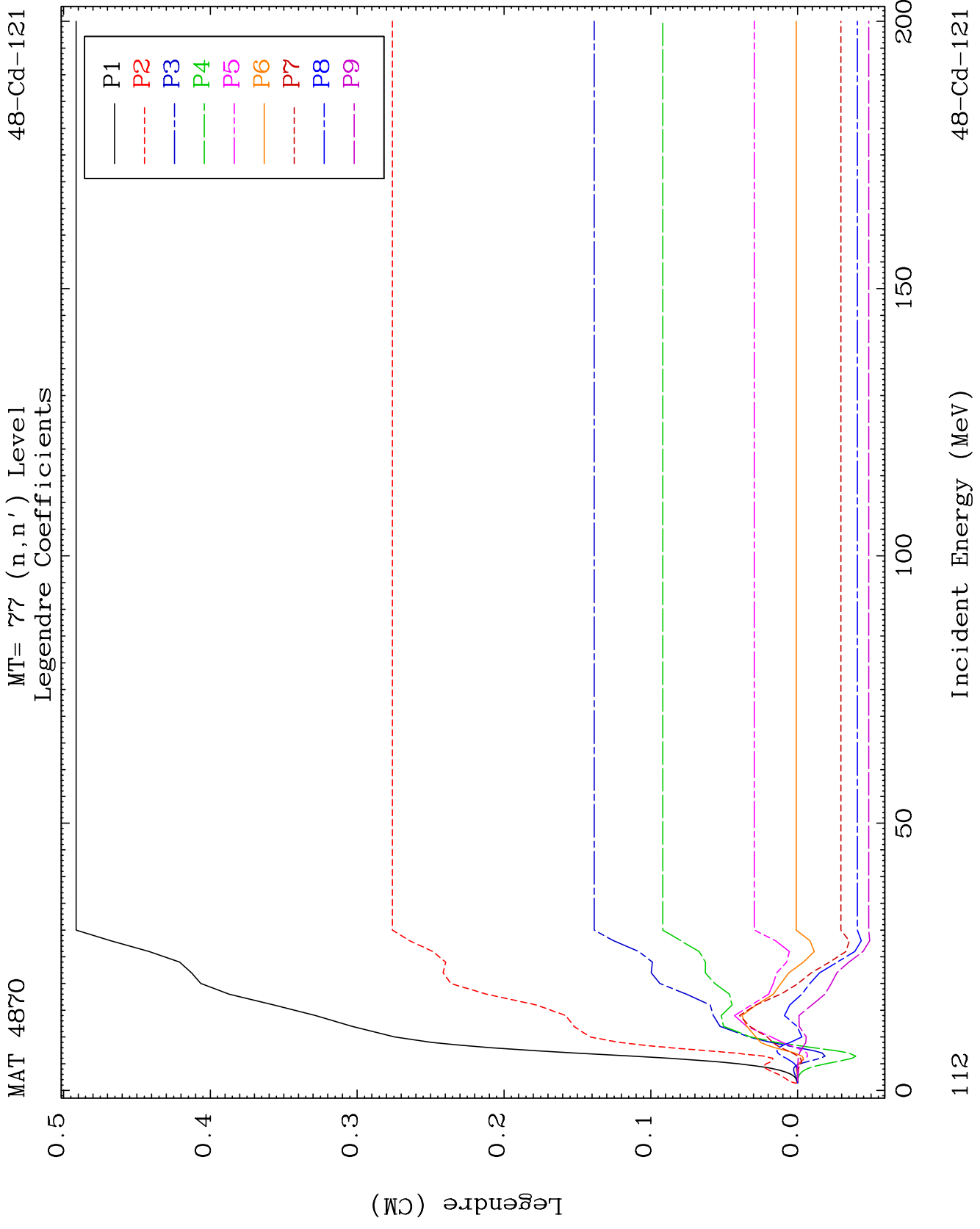


110

Incident Energy (MeV)

48-Cd-121

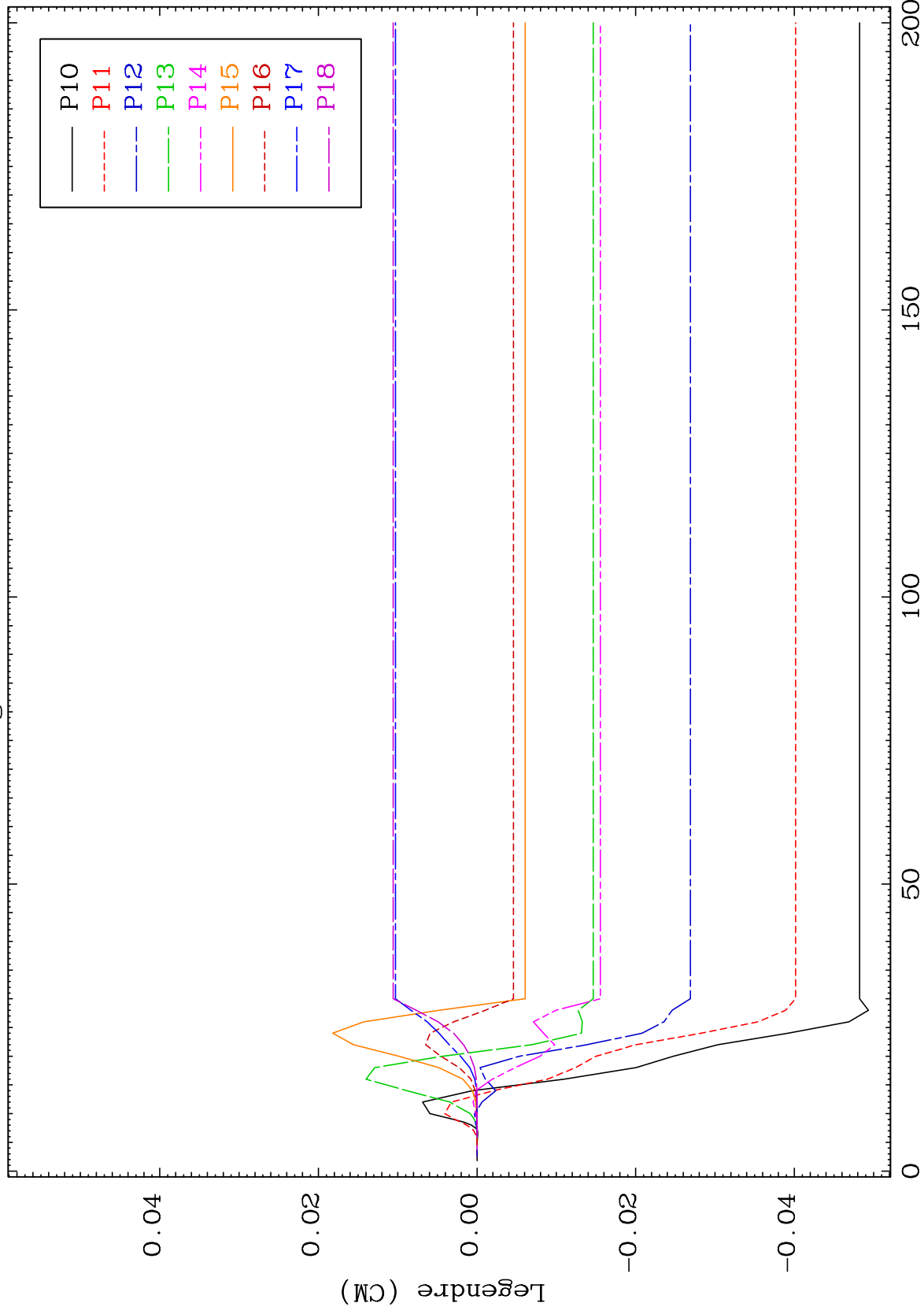




MAT 4870

MT= 77 (n,n') Level
Legendre Coefficients

48-Cd-121



113

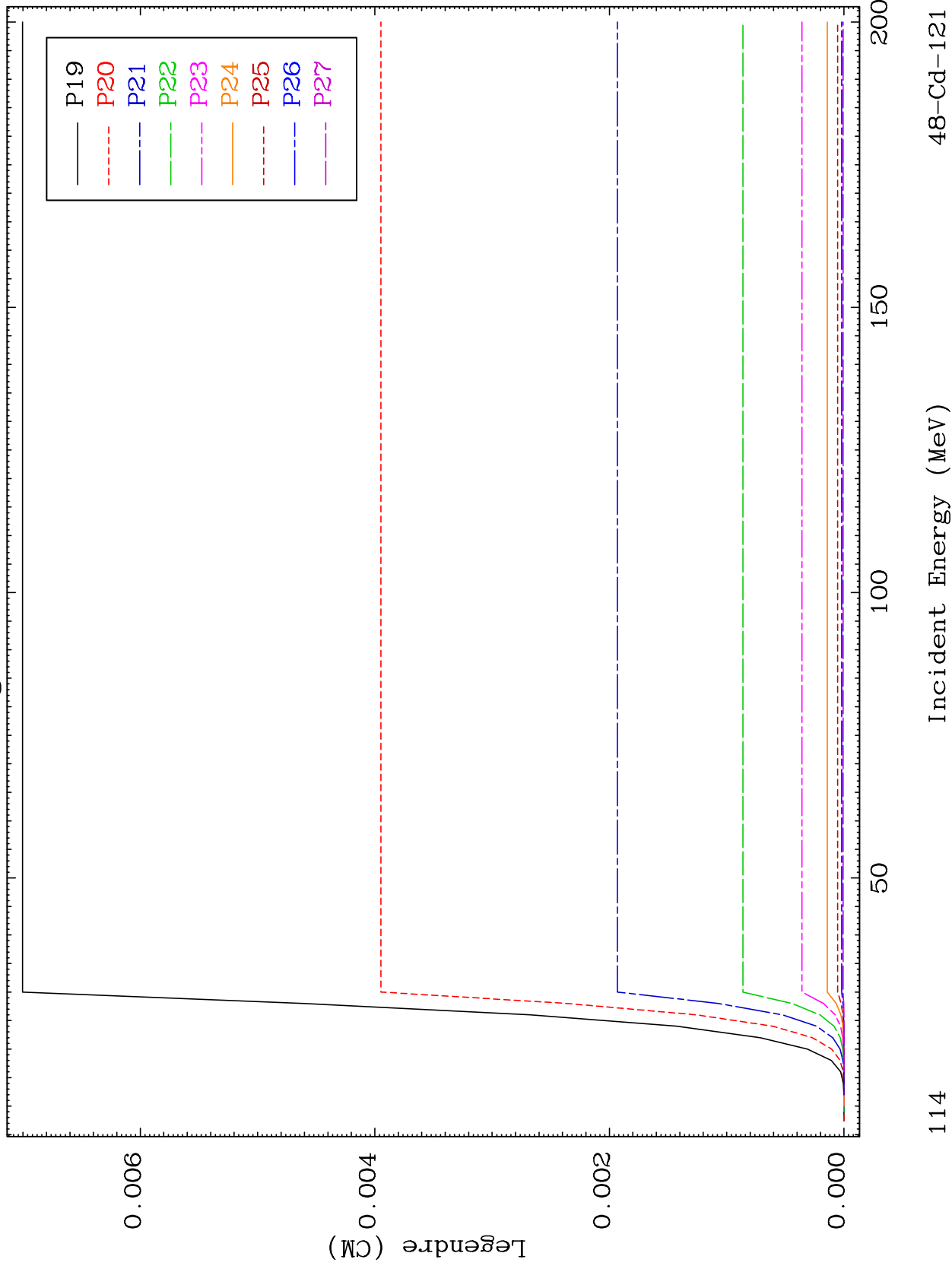
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 77 (n,n') Level
Legendre Coefficients

48-Cd-121



114

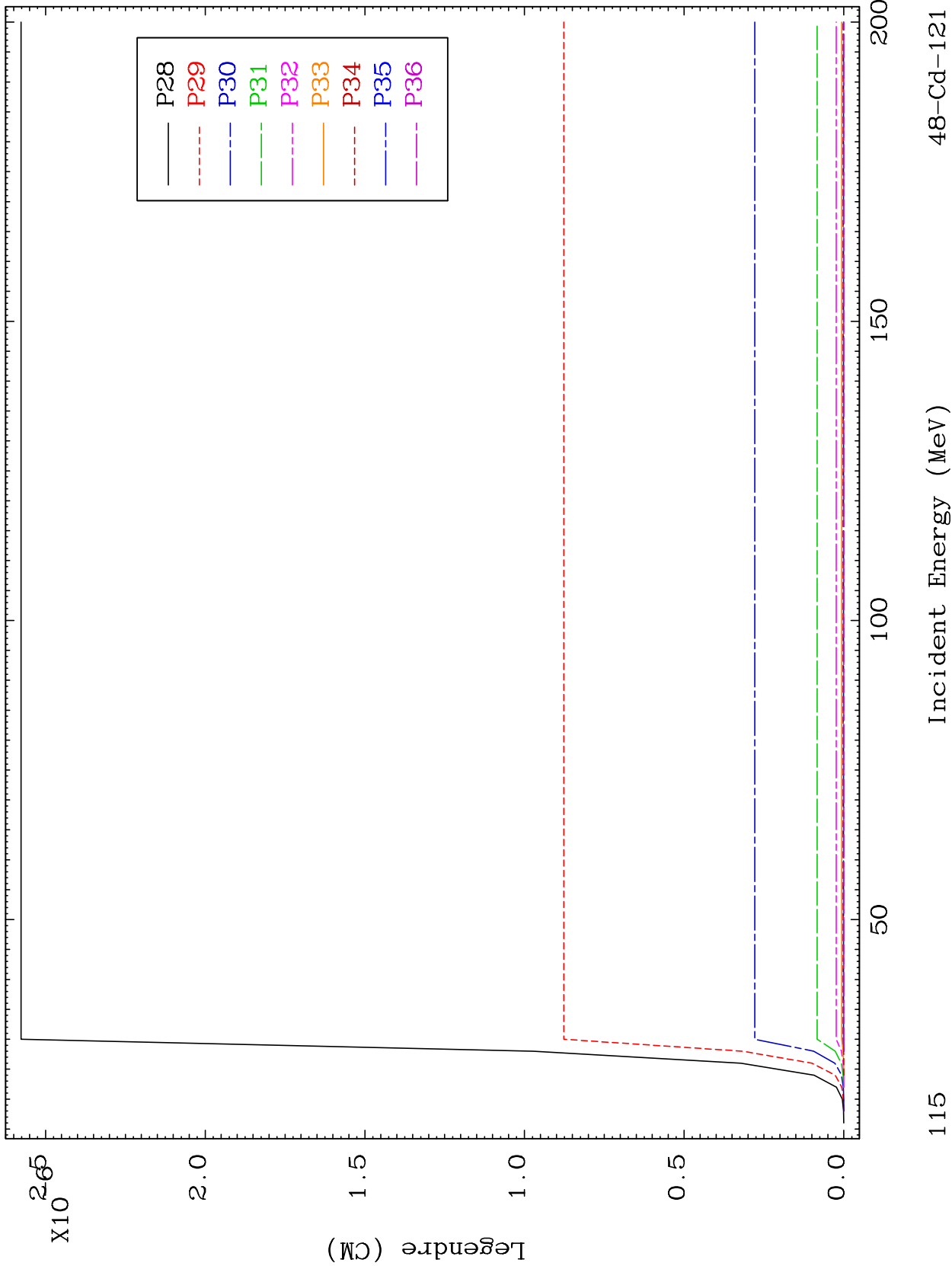
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 77 (n,n') Level
Legendre Coefficients

48-Cd-121



115

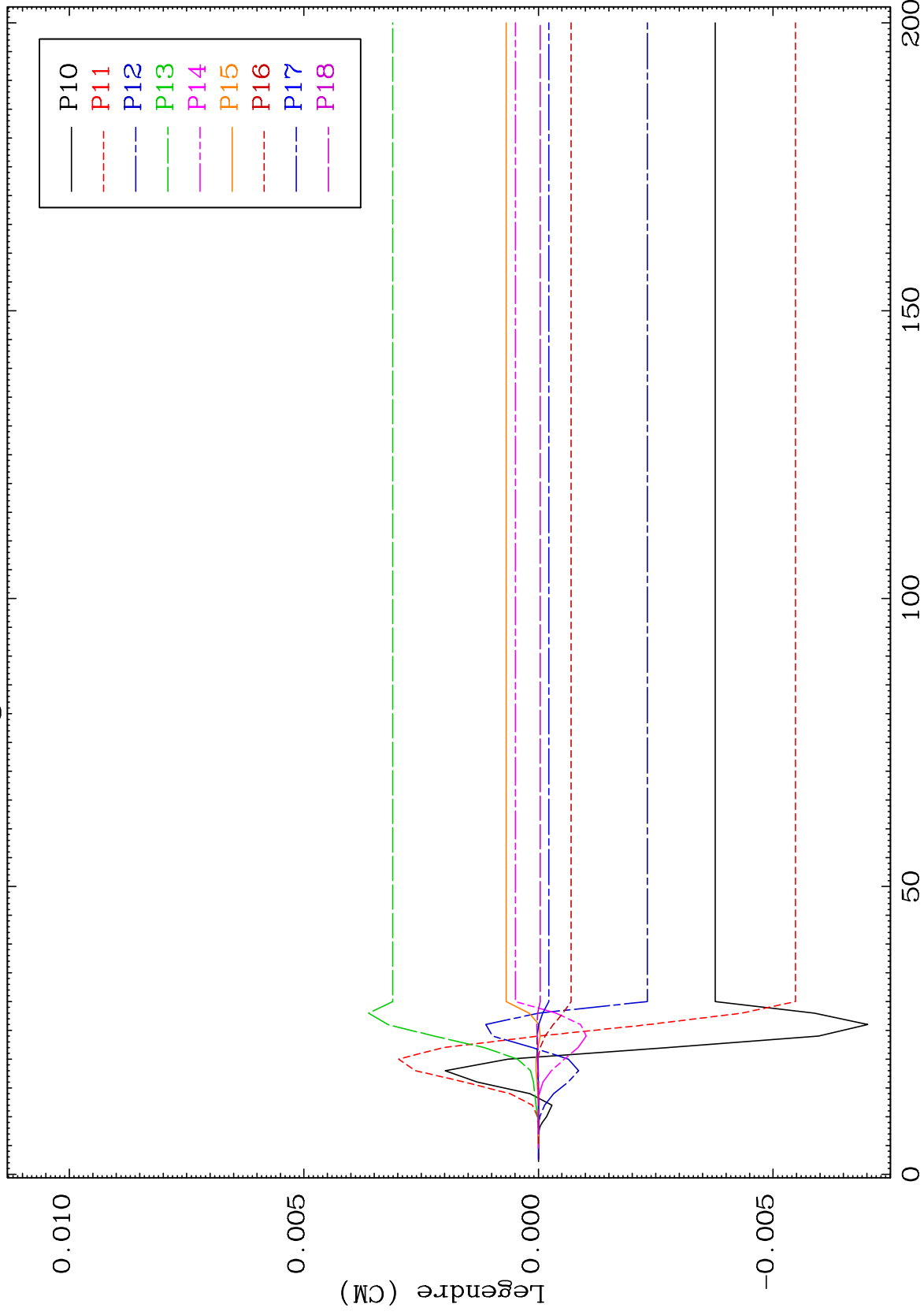
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 78 (n,n') Level
Legendre Coefficients

48-Cd-121



117

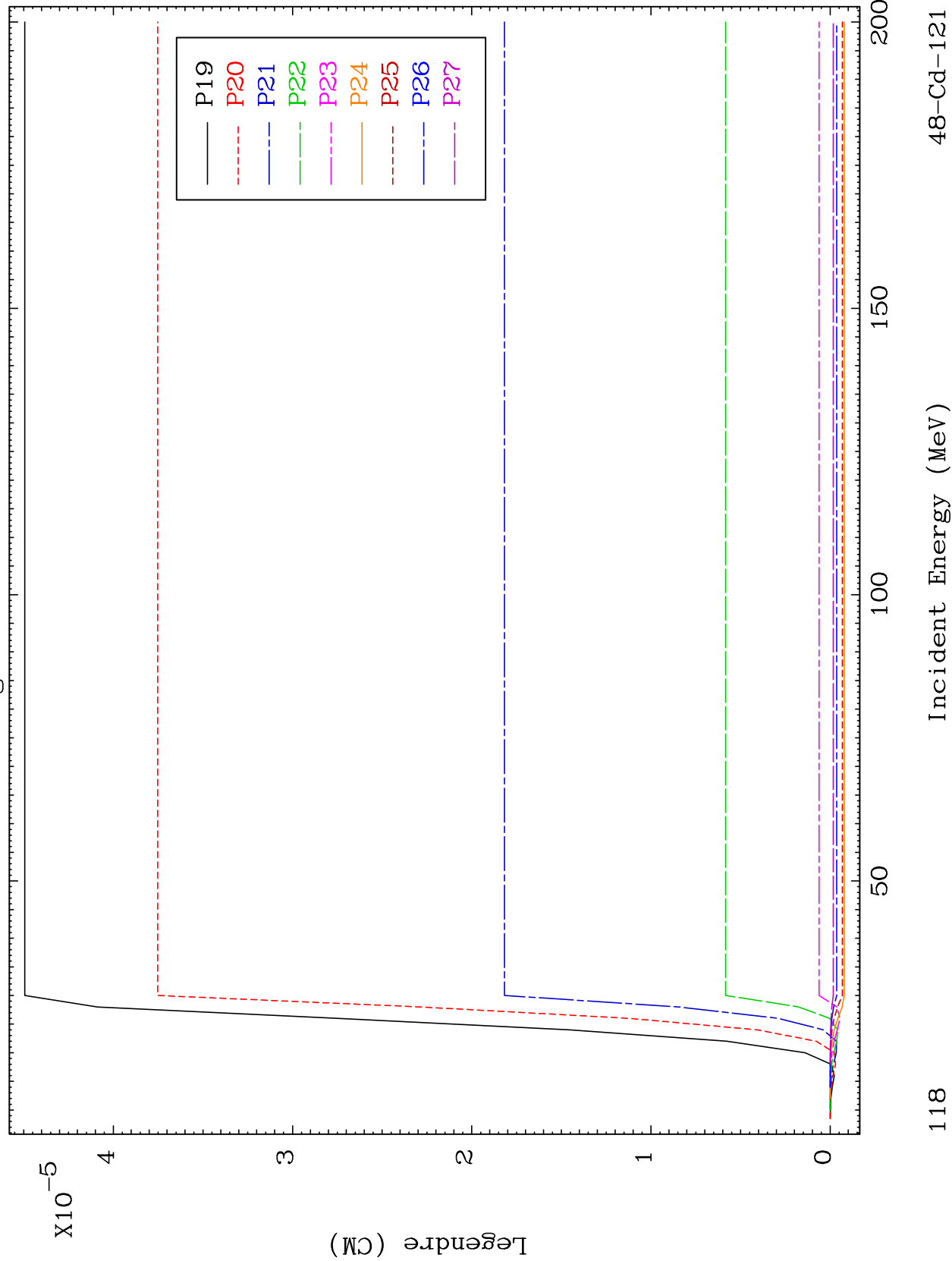
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 78 (n,n') Level
Legendre Coefficients

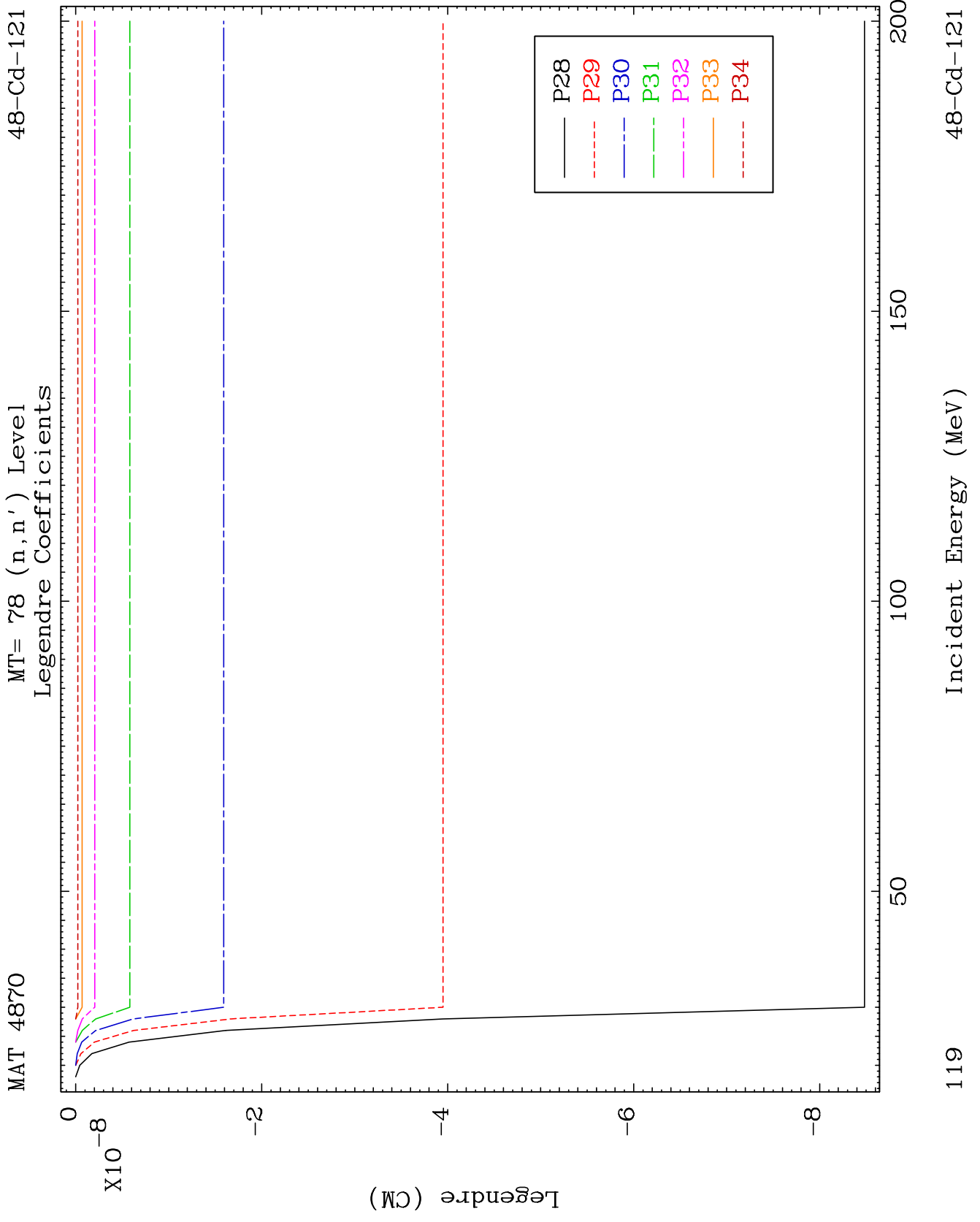
48-Cd-121

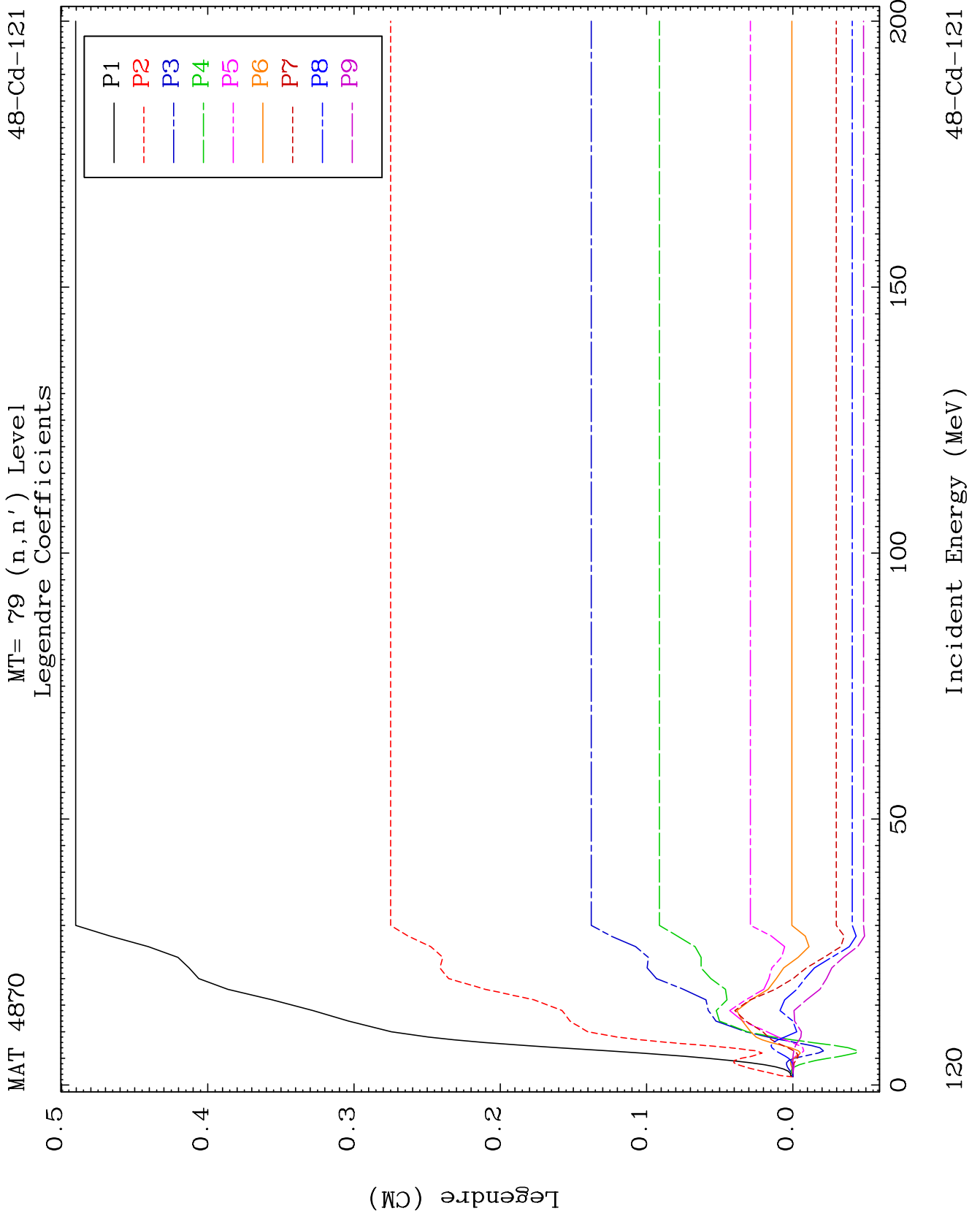


118

Incident Energy (MeV)

48-Cd-121

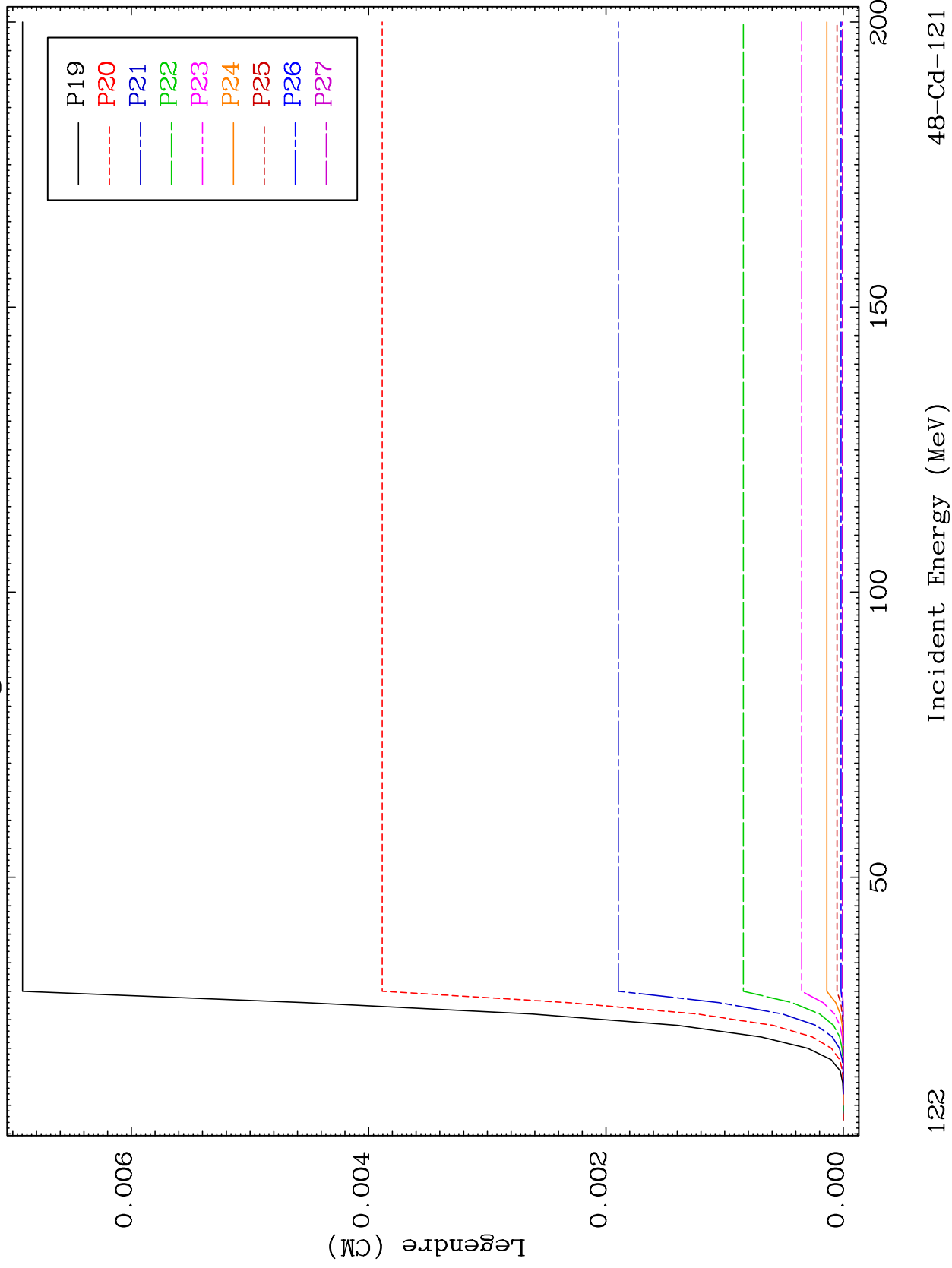




MAT 4870

MT= 79 (n,n') Level
Legendre Coefficients

48-Cd-121



122

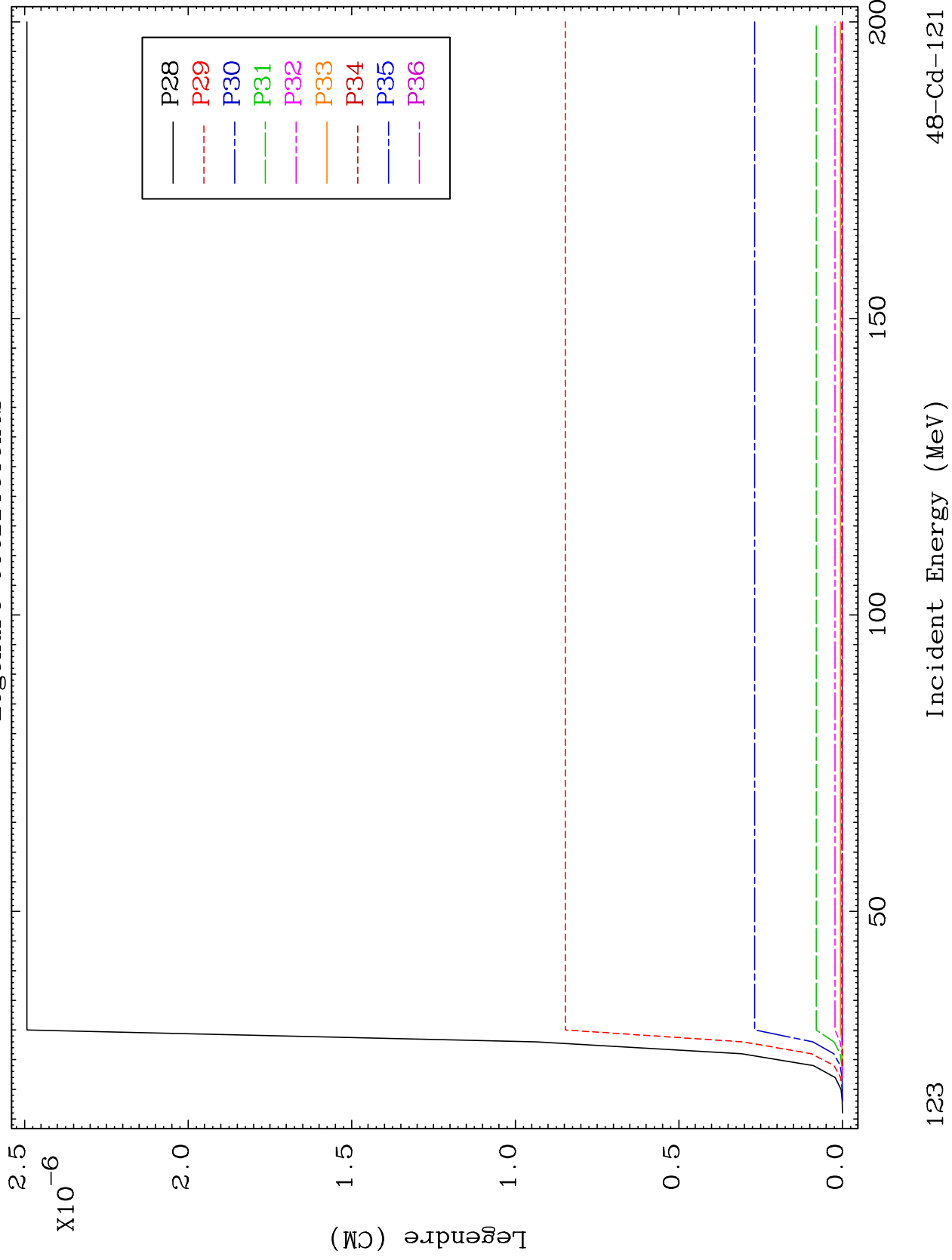
Incident Energy (MeV)

48-Cd-121

MAT 4870

MT= 79 (n,n') Level
Legendre Coefficients

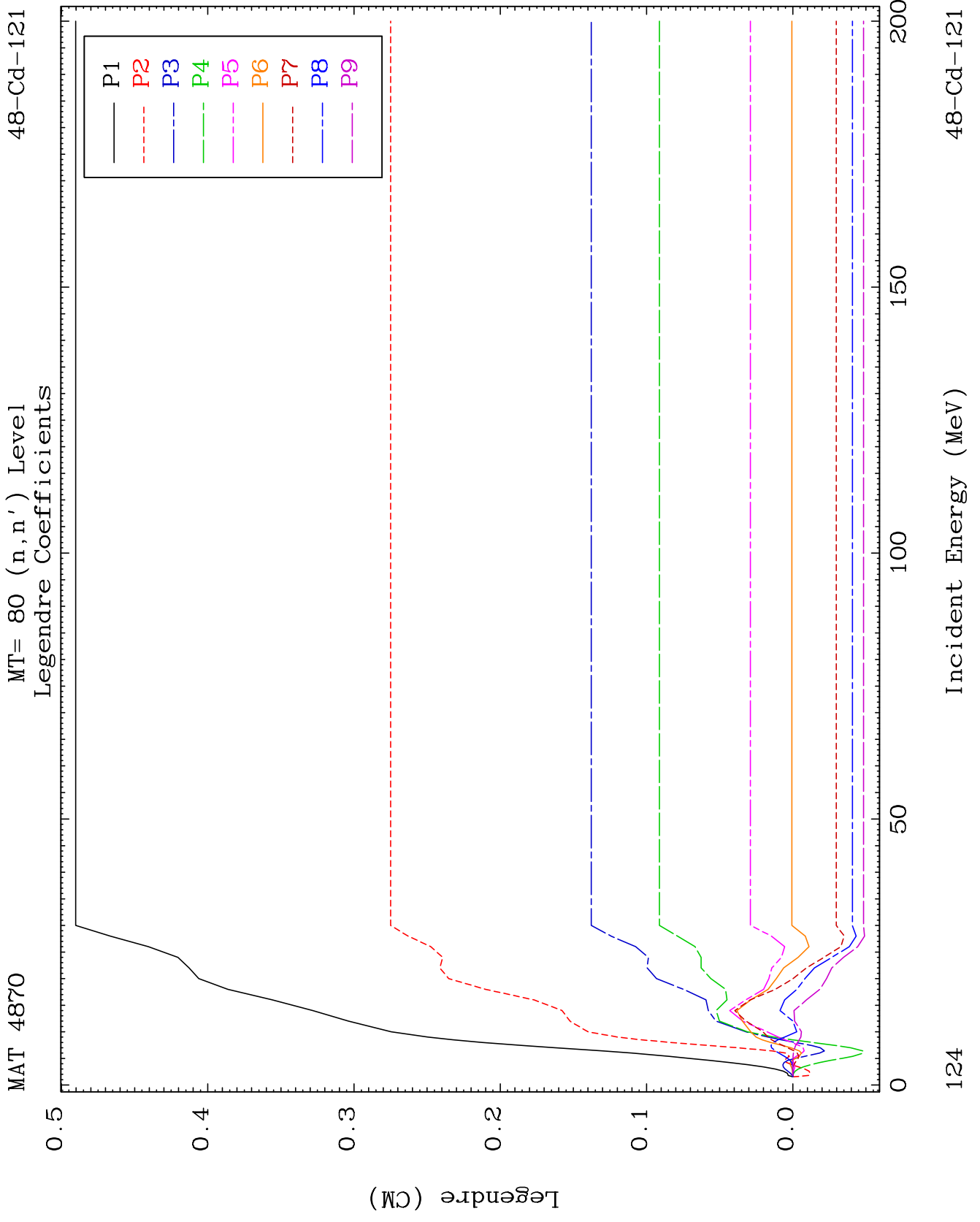
48-Cd-121

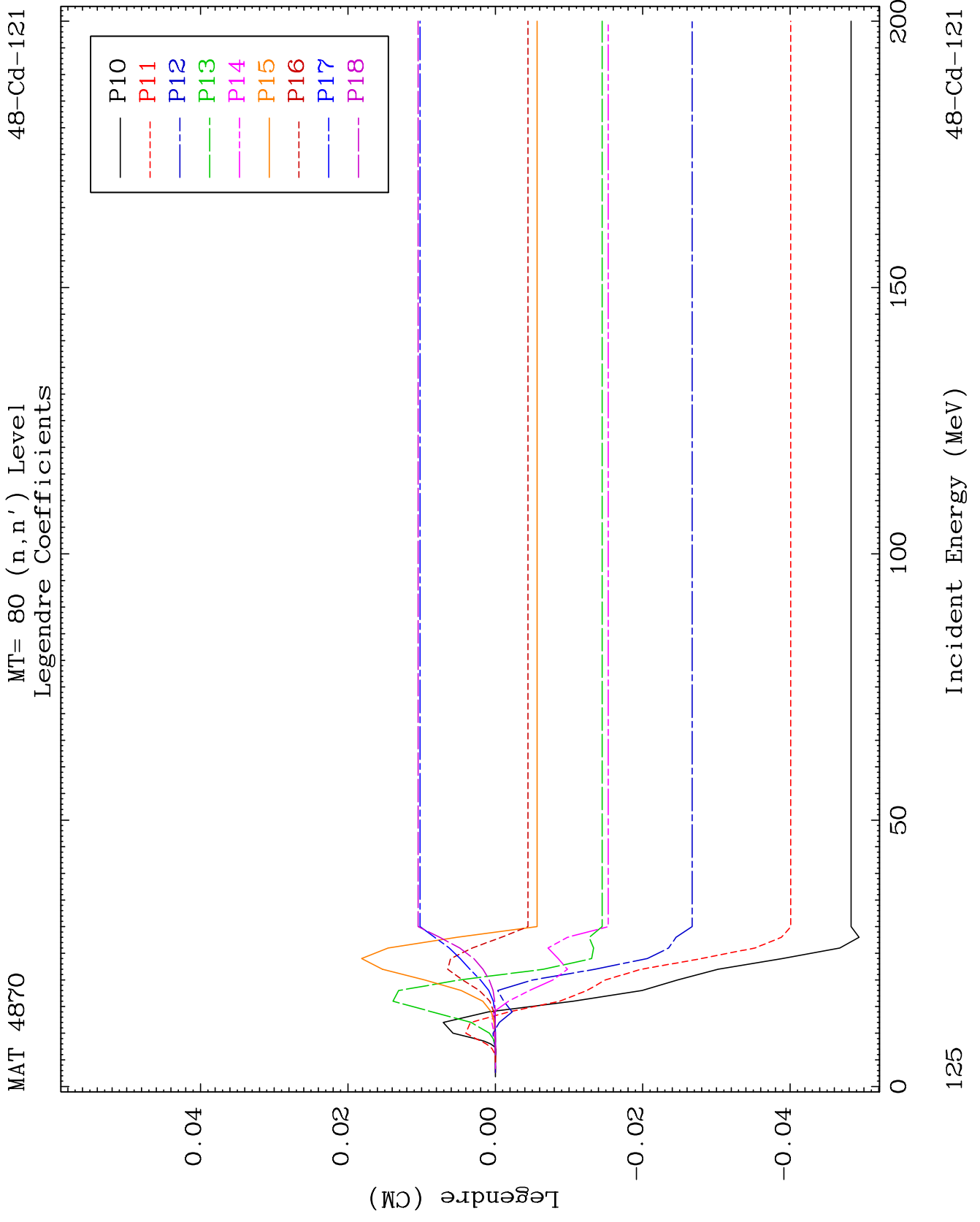


123

Incident Energy (MeV)

48-Cd-121

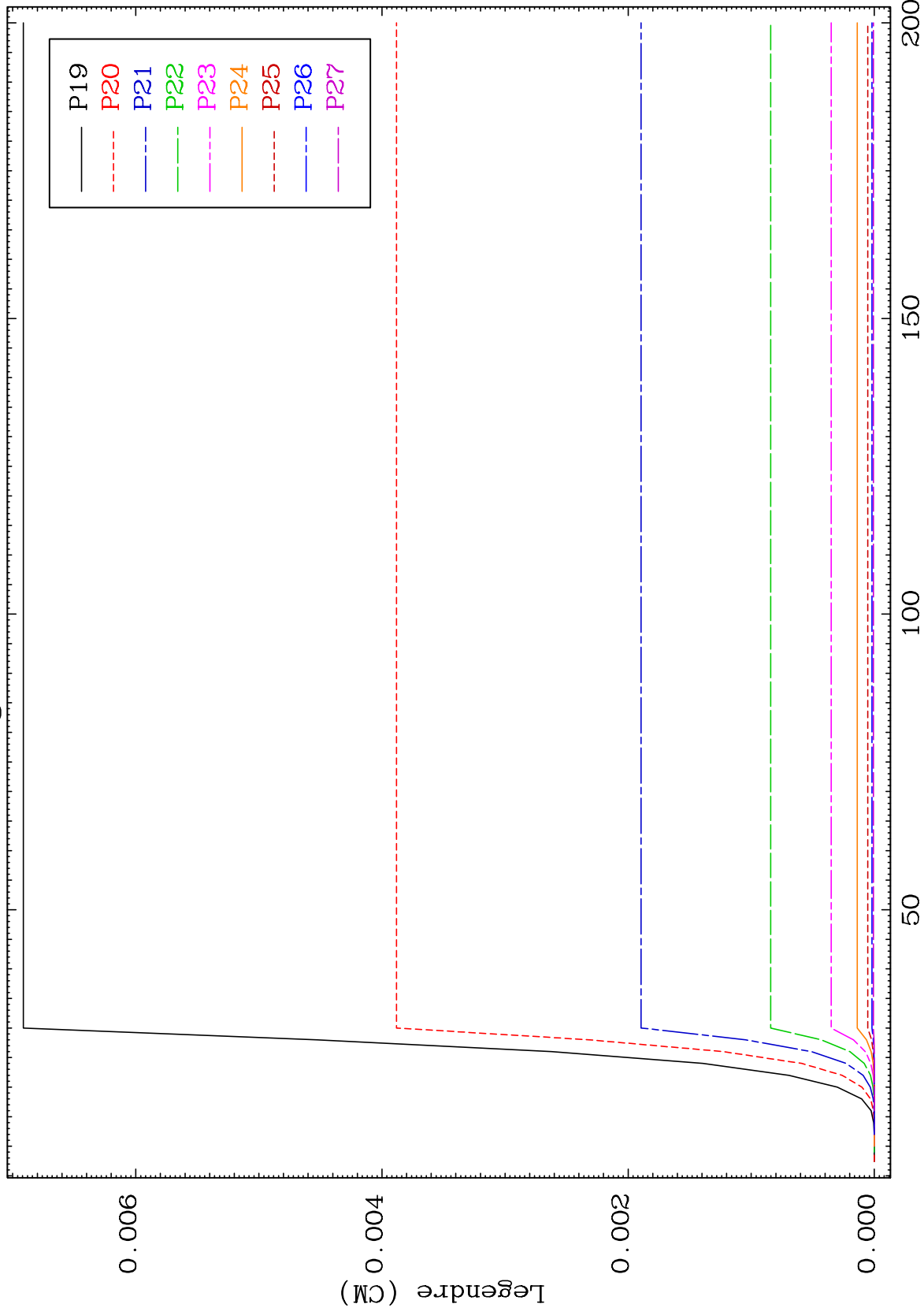




MAT 4870

MT= 80 (n,n') Level
Legendre Coefficients

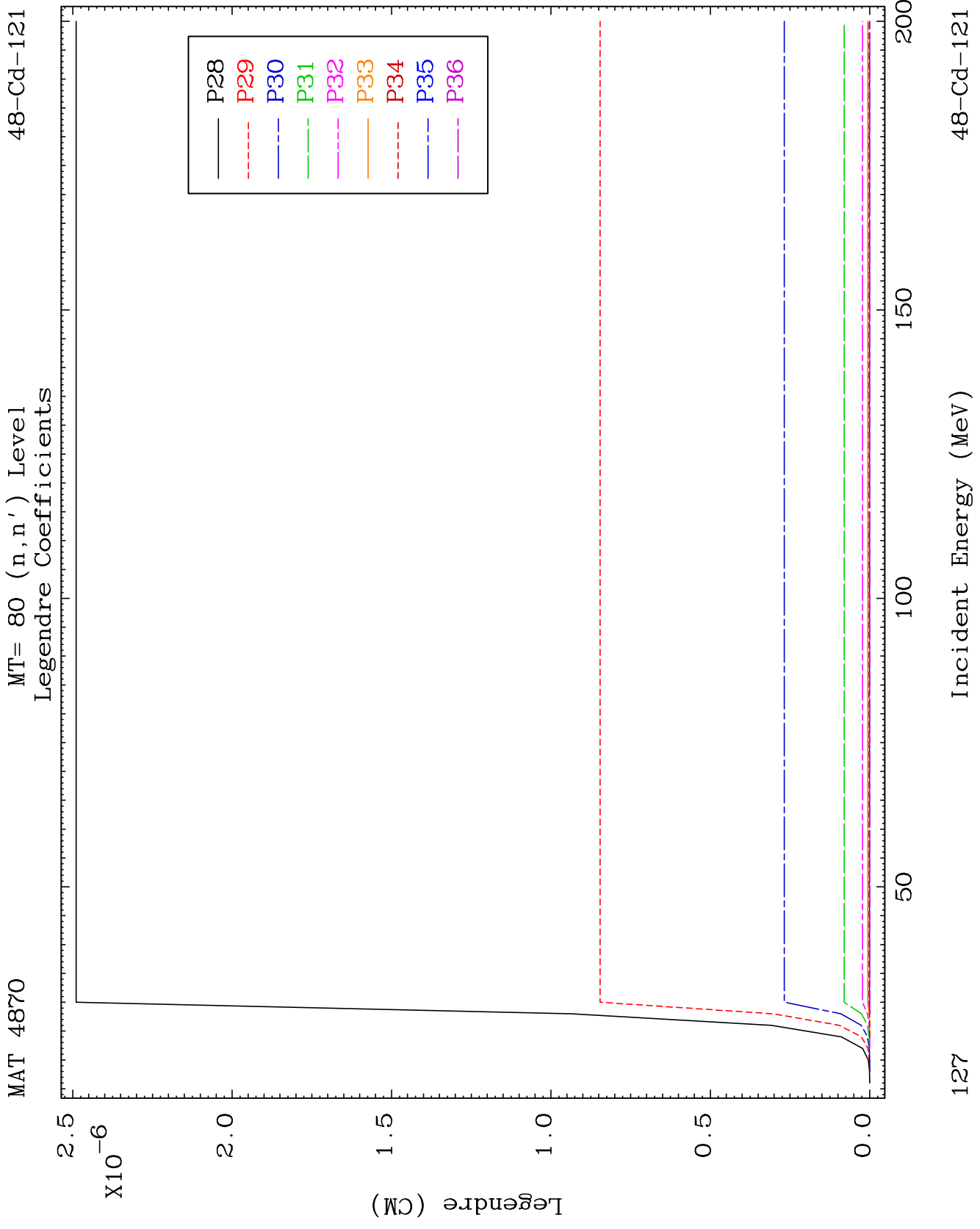
48-Cd-121



126

Incident Energy (MeV)

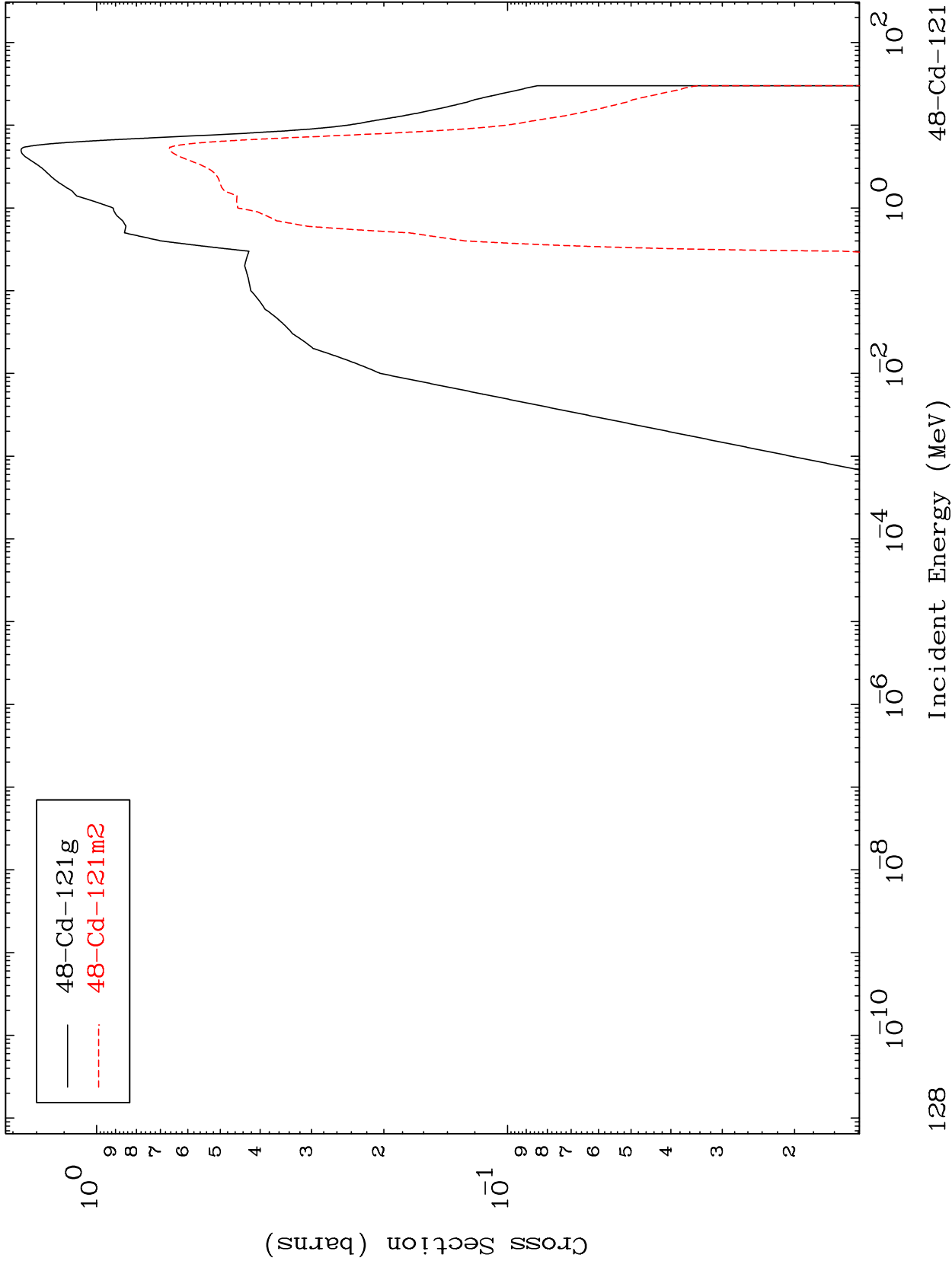
48-Cd-121



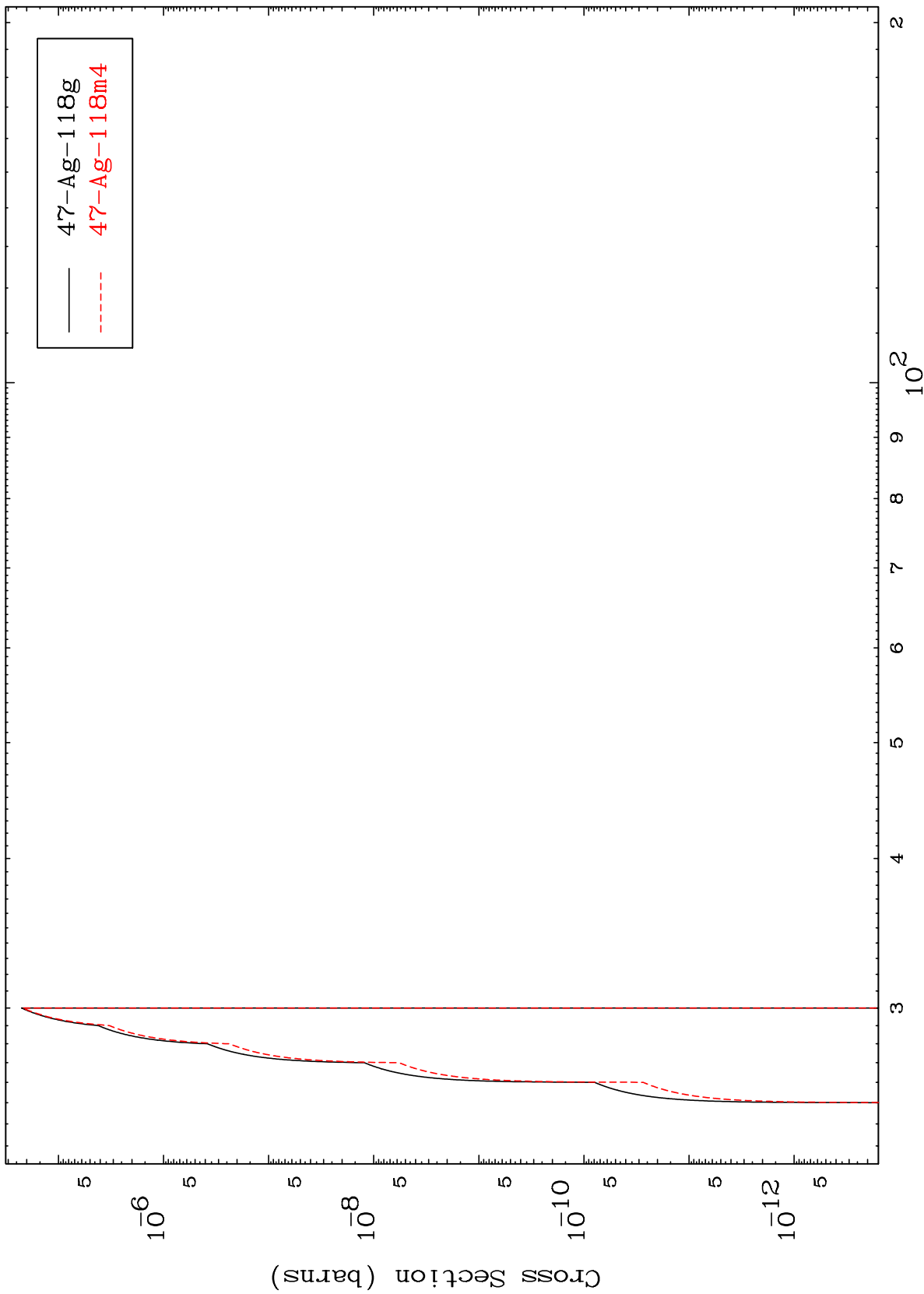
MAT 4870

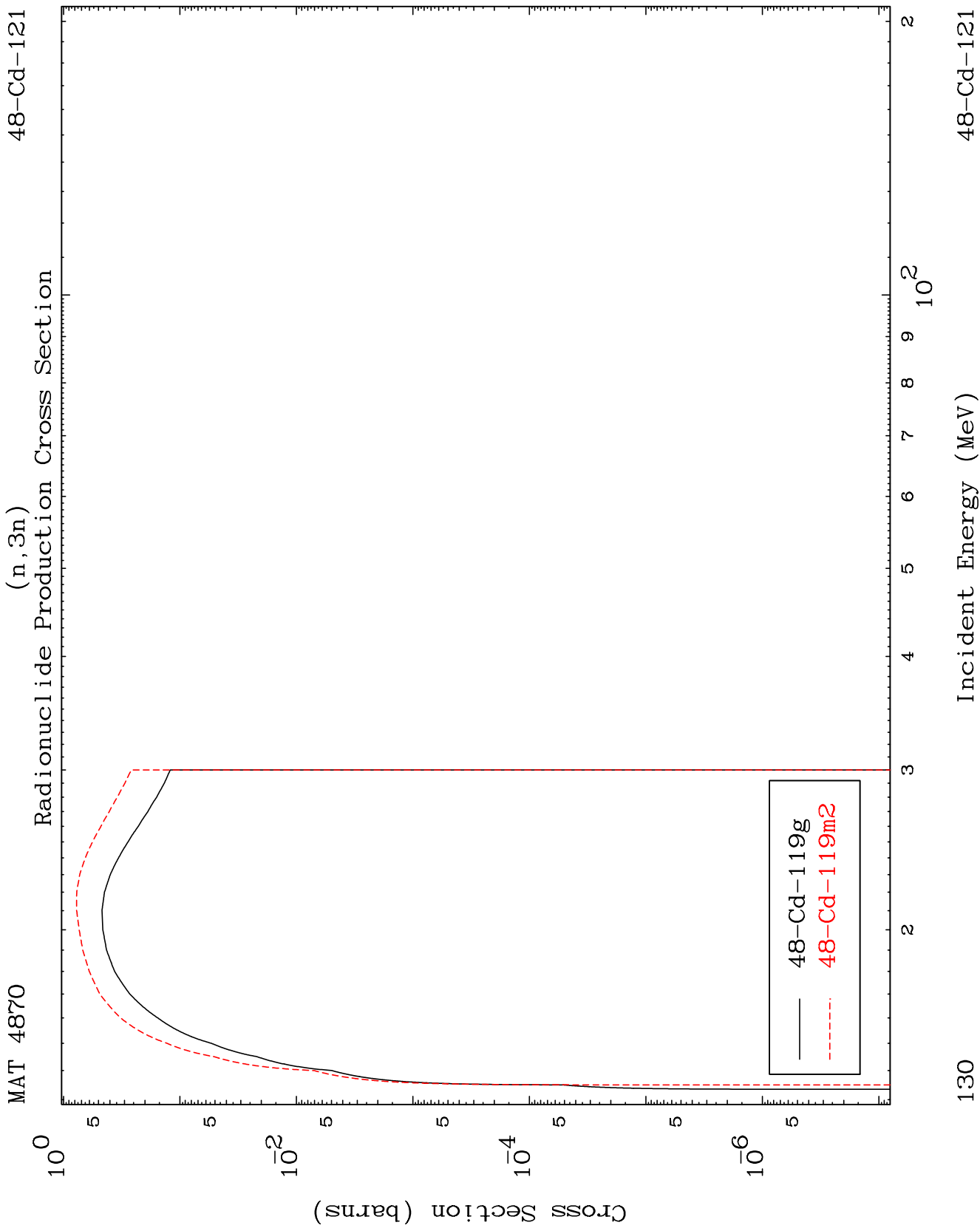
Inelastic
Radionuclide Production Cross Section

48-Cd-121



Radionuclide Production Cross Section



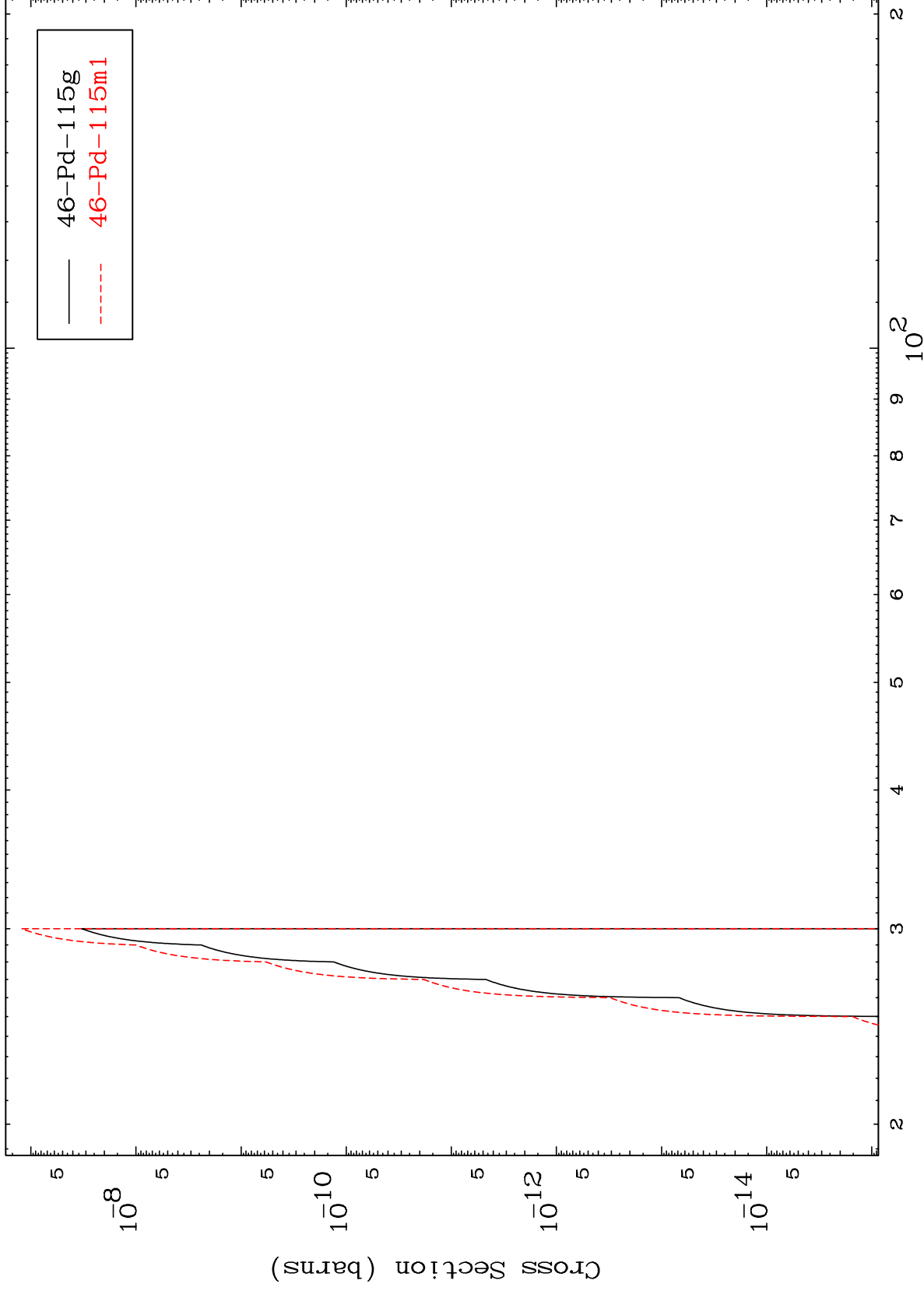


MAT 4870

(n,3n) α

48-Cd-121

Radionuclide Production Cross Section

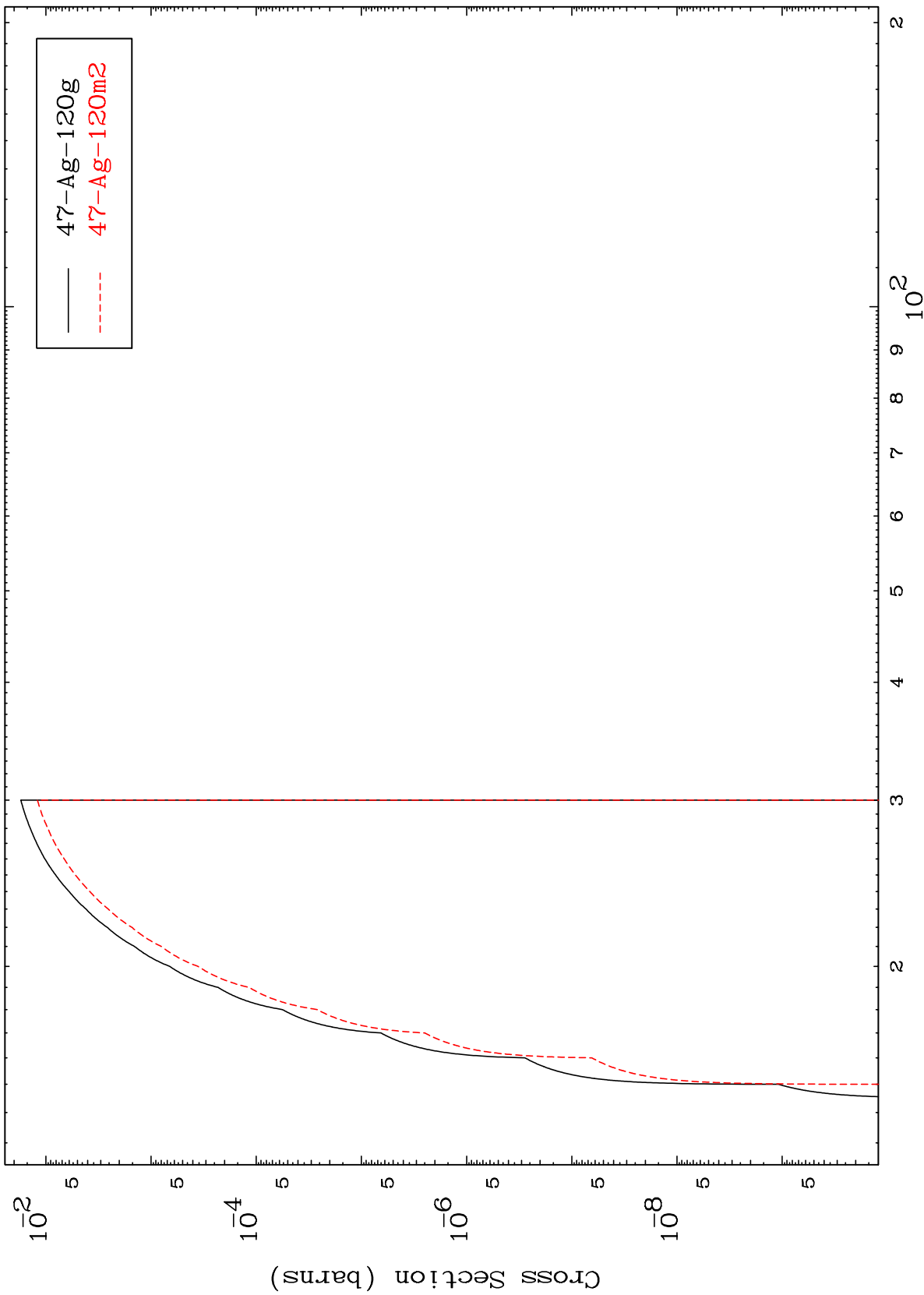


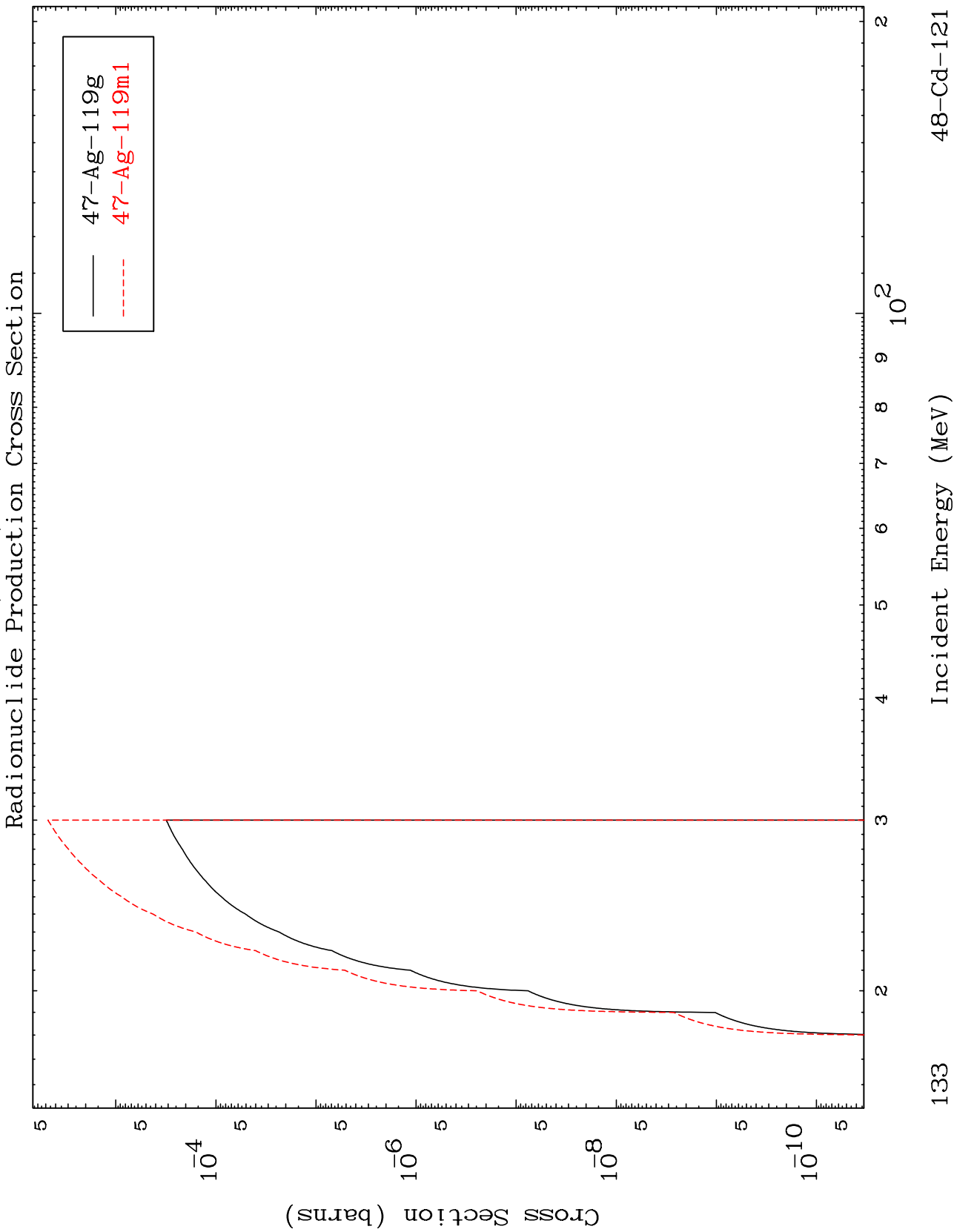
131

Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section



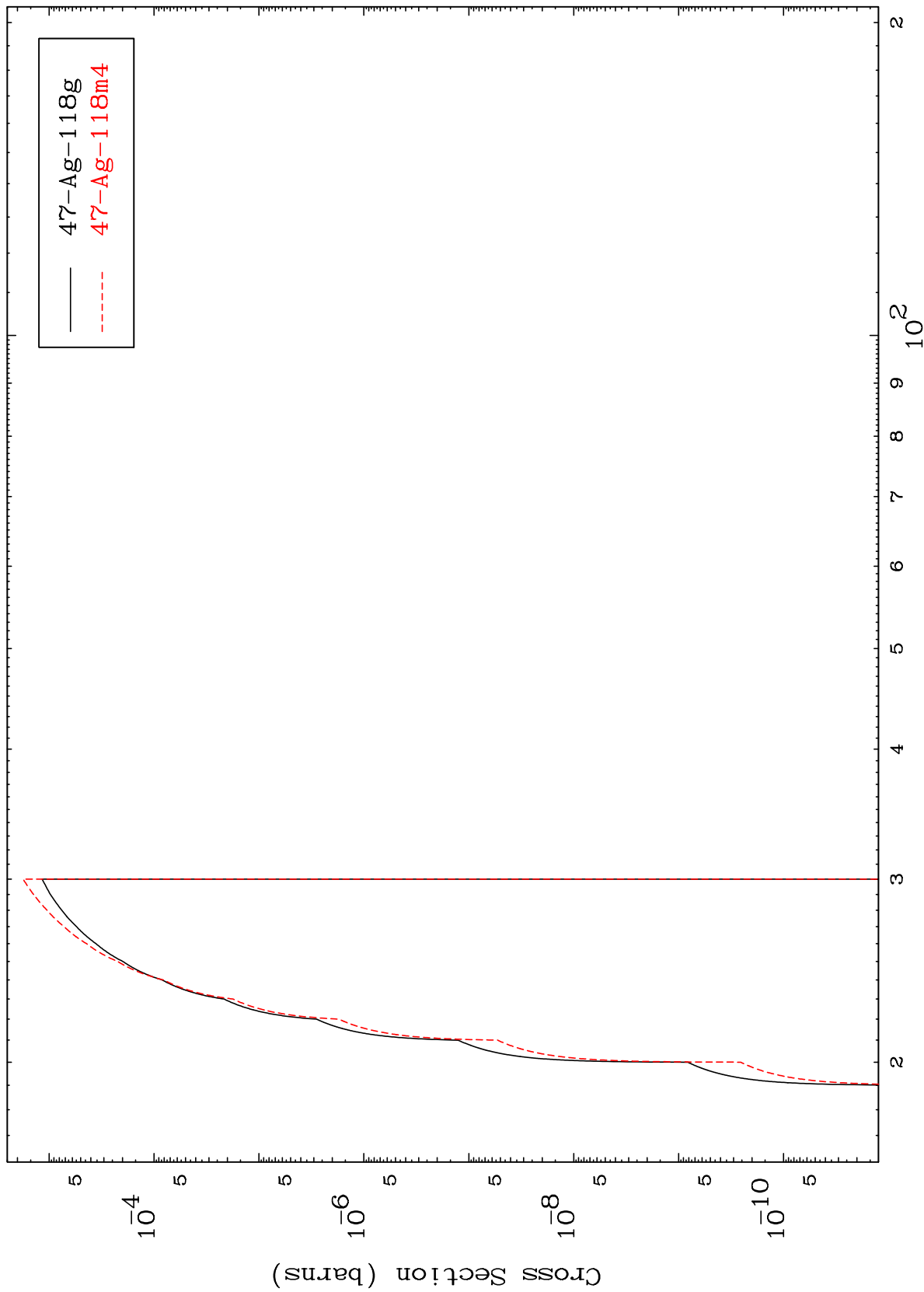


MAT 4870

(n,n') t

48-Cd-121

Radionuclide Production Cross Section



134

Incident Energy (MeV)

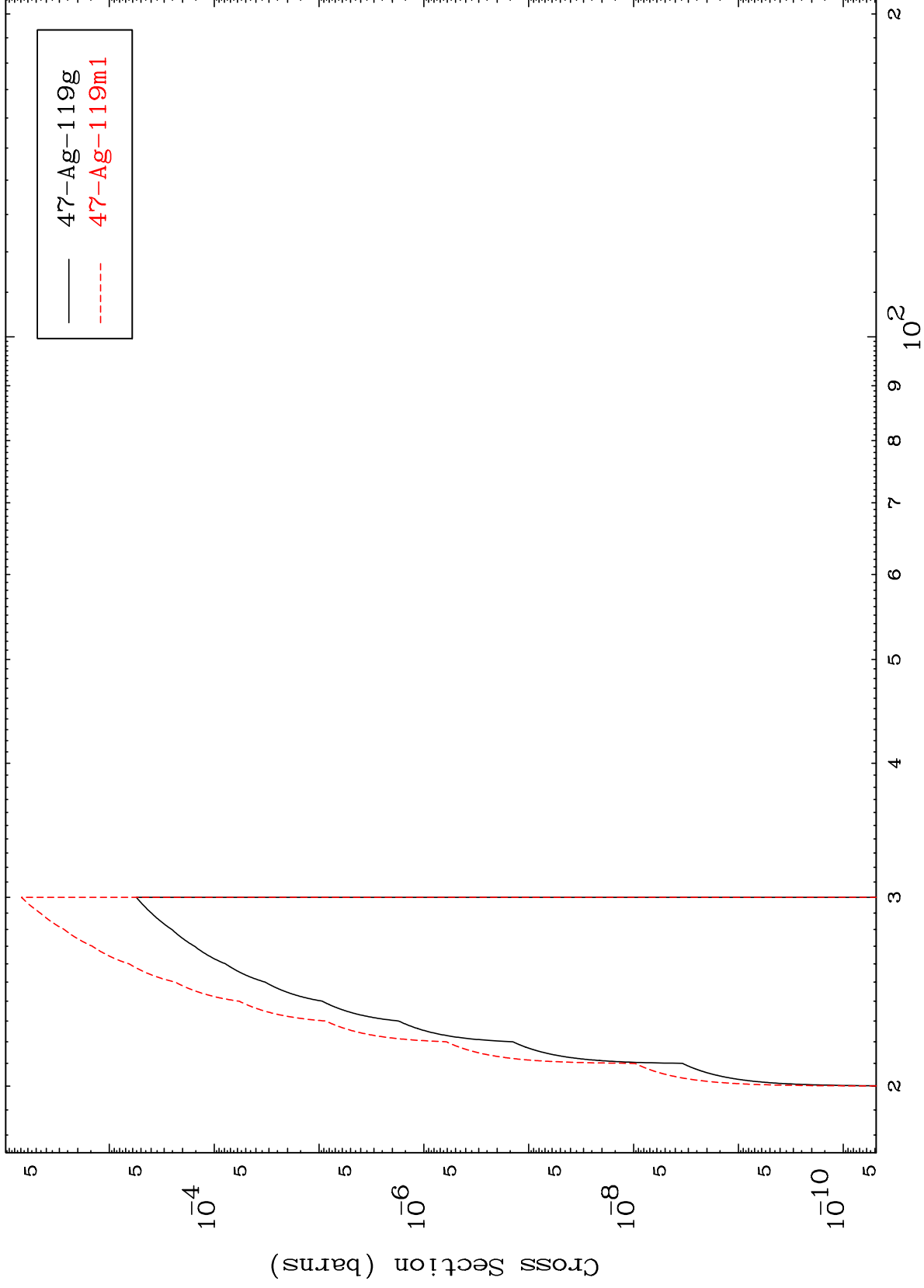
48-Cd-121

MAT 4870

(n,2n) p

48-Cd-121

Radionuclide Production Cross Section

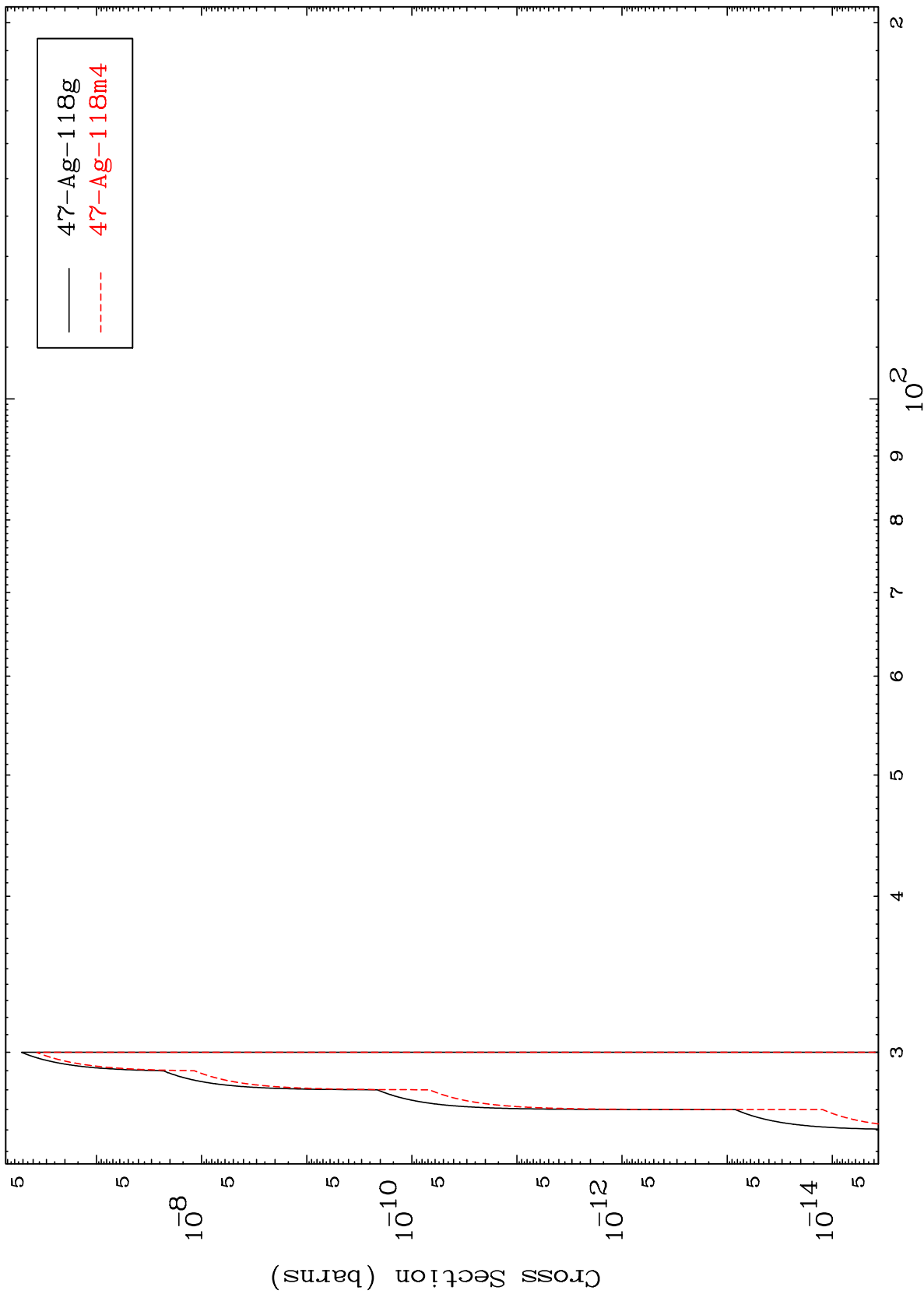


135

Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section



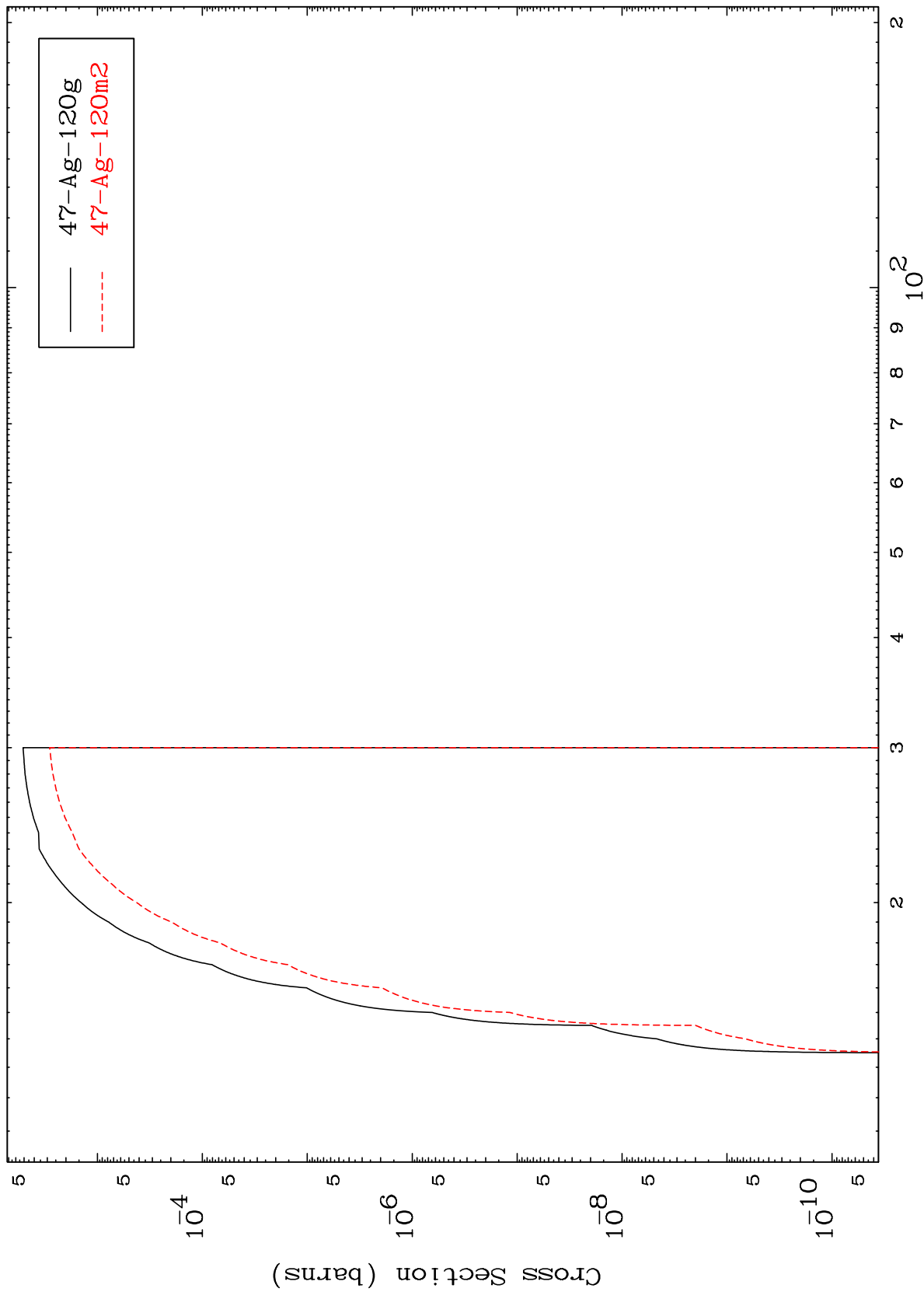
47-Ag-118g
47-Ag-118m4

MAT 4870

(n,d)

48-Cd-121

Radionuclide Production Cross Section



137

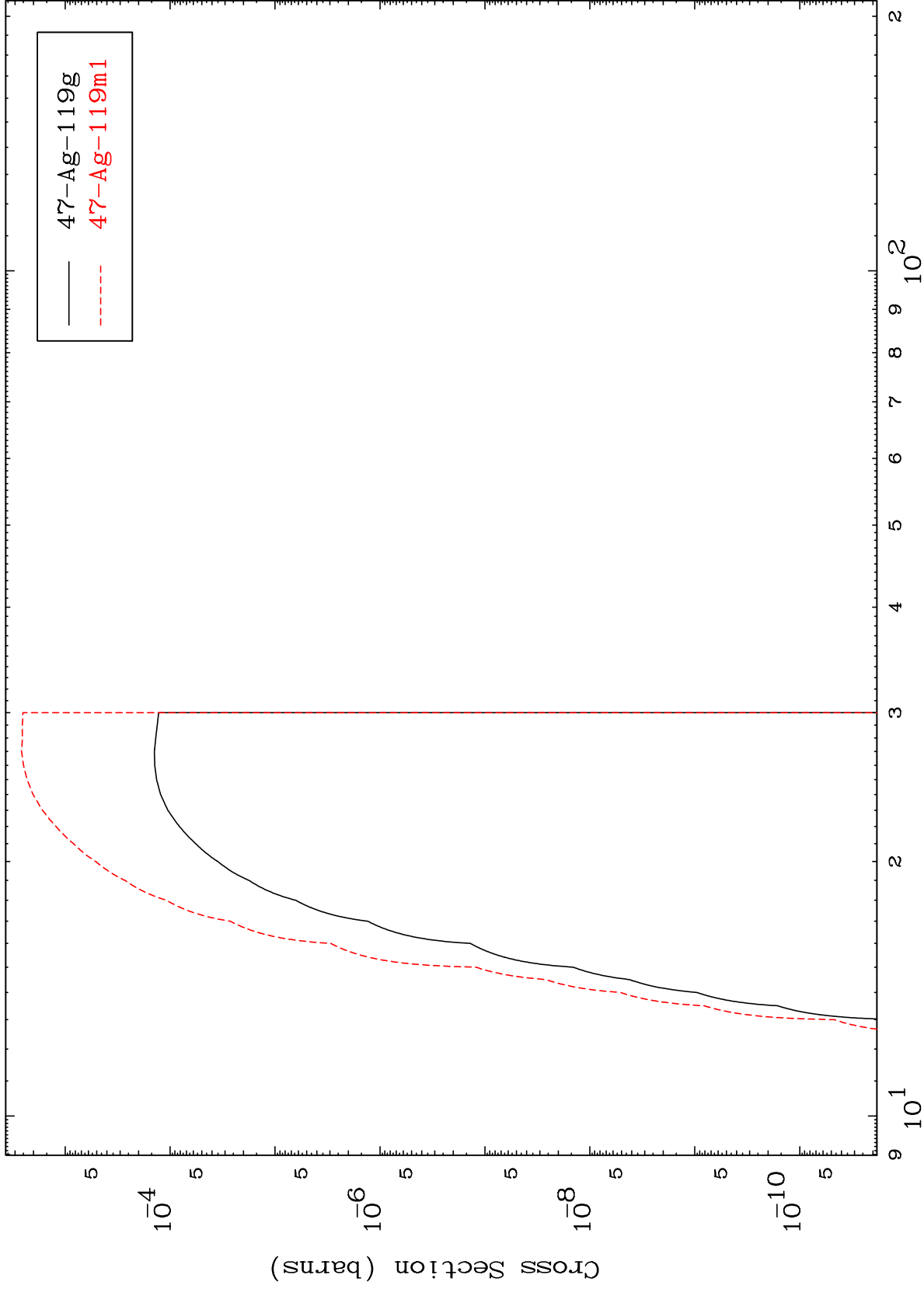
Incident Energy (MeV)

48-Cd-121

MAT 4870

48-Cd-121

(n, t)
Radionuclide Production Cross Section



48-Cd-121

Incident Energy (MeV)

138